Using Android smartphone
- Intermediate level -

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Intermediate

Required prior knowledge

Basic knowledge of internet and Android operation is required.
This course is intended for users with limited Android knowledge.

Description

- Main internal components, status and identification of Android device

- Use of public Belgian websites

- Basic knowledge of Google Cloud storage and backup technology

- Use of many useful apps for smartphones

Sections

1) Check smartphone status

2) Manage your agenda and notes
   with Agenda and Keep Notes app

3) Public Belgian websites

4) Road map and step counting
   with Maps and Pedometer app

5) Request public transport and parking ticket
   with 4411 app

6) Newspaper, news and TV on the go
   with HBVL, News and VRT app

Sections

7) Translator on the go with Translate app

8) Stream music and videos with Spotify and Youtube app

9) Scan bar/QR code and manage customer cards
   with Camera and Bancontact app

10) Contactless and online payment
    with Payconiq-By-Bancontact app

11) Personal identification with Itsme app

12) Save and share files in the Cloud
   with Google Photos, Google Drive and Google One Backup

Section 1

Check smartphone status

What internal components are in a smartphone?

- Processor, Internal Memory and Storage

- Battery

- Components for wireless communication with Phone, Wifi and Internet/Data network

- Components for wireless connection with other devices at short distance (Bluetooth, NFC); we will see later how these are used

- Components that are or are not present depending on the specific device:
GPS, Radio FM, and many sensors;
position (such as distance sensor (proximity), GPS, magnetometer (compass)), motion (such as acceleration sensor (accelerometer), gyroscope), and environmental sensors (such as light sensor (light), thermometer, hygrometer, barometer)

What internal components are in a smartphone?

via the "**Device info: Test device**" app
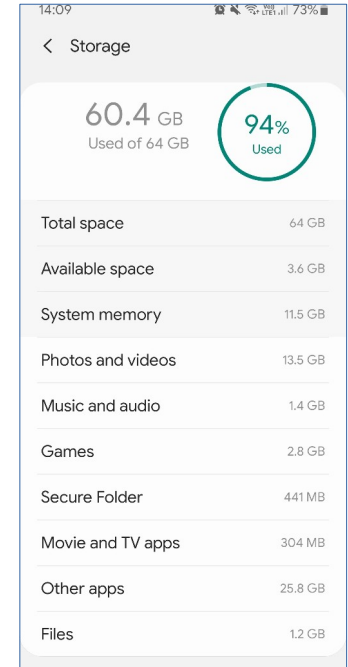(Device info) you can check all sensors
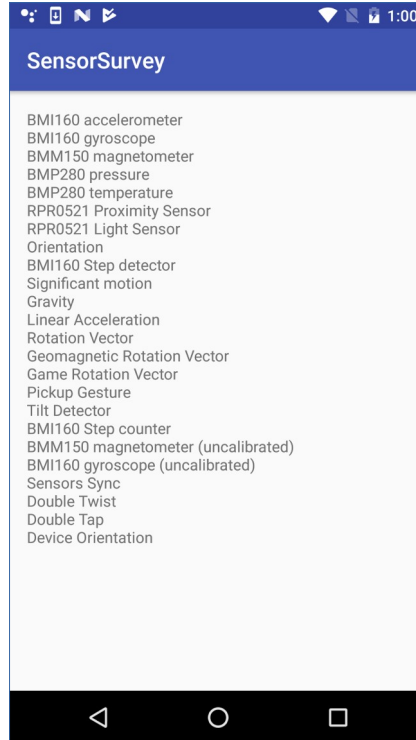
How to find out smartphone status?

- Via "Settings > Phone info > Model" you will find the following info:
  "Model > **Model**" (e.g. moto g84 5g),
  "Android version > **Android version**" (e.g. 14),
  and "Android version > Android security update";
  this way you know which android updates
  were last (and when) performed

- You can permanently display the still available
  battery capacity in the status bar,
  via "Settings > Battery > **Battery percentage**"
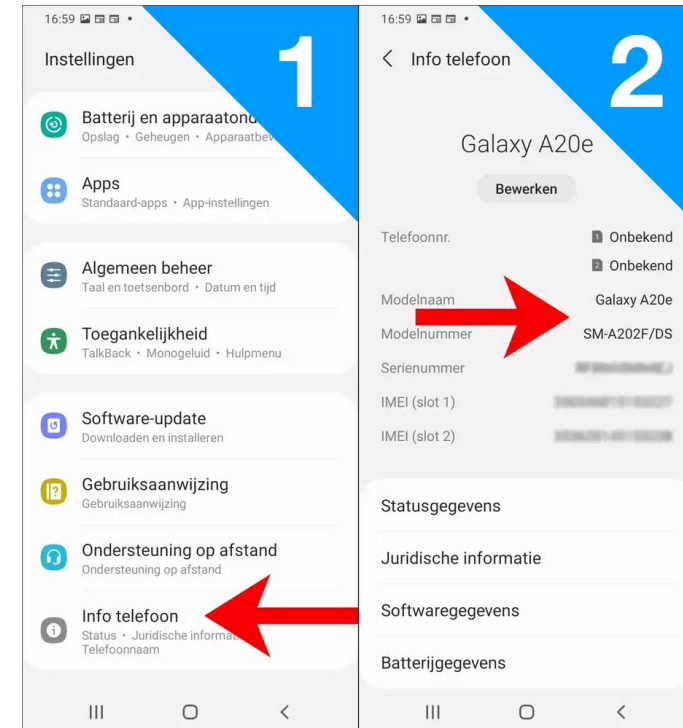
How to find out smartphone status?

- Via "Settings > Phone info > Hardware info" you can find
  the following important information about your smartphone:
  RAM size (Working memory, e.g. 12GB),
  and ROM size (Storage, e.g. 256 GB)

- Standard (Internal) Storage can be expanded in some
  smartphones by inserting an extra SD Card into the device

- You can read the **available storage capacity**
  via "Settings > Storage";
  you can also see how much space each app uses;
  via a widget of the Devinfo app you can also make this
  easily accessible on the screen

14:09

< Storage

60.4 GB
Used of 64 GB

94%
Used

Total space	64 GB
Available space	3.6 GB
System memory	11.5 GB
Photos and videos	13.5 GB
Music and audio	1.4 GB
Games	2.8 GB
Secure Folder	441 MB
Movie and TV apps	304 MB
Other apps	25.8 GB
Files	1.2 GB

How to find out stored content?

- Internal Storage (e.g. 32GB used of 256GB available) is used to store all files (photos, videos, contacts, apps, etc.) in folders

- *Unit for storage volume is 1 B (byte), and for text this equals 1 character; used prefix for data storage units: 1 KB (kilobyte) = 1024 B, 1 MB (megabyte) = 1024 KB, and 1 GB (gigabyte) = 1024 MB (text on a fully filled A4 sheet uses about 2.5 KB of space)*

- Internal storage on your smartphone can be viewed and managed with Files app;
  if you install the "**Cx File Explorer**" app, you have more options;
  with this app you can add, name, move, copy and delete folders and files on your smartphone;
  For example, in "/DCIM/Camera" folder, photos are placed;
  always remove unnecessary apps and files to free up space

What to do in case of theft or loss?

Screenshot 1

Lokale Politie

Zone Brussel Noord (Schaarbeek, Evere, Sint-Joost-ten-Node)

MENU ≡

Verlies of diefstal van jouw gsm/smartphone?

Doe aangifte bij de politie. Zorg dat je in het bezit bent van je IMEI nummer (staat vermeld op de doos van je gsm/smartphone), je SIM-kaartnummer en je telefoonnummer.

Alvorens je SIM-kaart te laten blokkeren, probeer je enkele keren naar je ontvreemde GSM te bellen. Noteer de tijdstippen van deze oproepen en geef deze door bij aangifte. Dit is nuttig bij het verder onderzoek door de politiediensten.

Laat je SIM-kaart blokkeren:

- Base: 0800 152 10
- Mobistar: 0800 959 58
- Proximus: 0800 204 86
- Telenet: 015 666 655

Na de aangifte ontvang je een attest van aangifte (eventueel nodig voor verzekering).

Screenshot 2

Lokale Politie

Westkust

MENU ≡

› Verlies of diefstal

Verlies of diefstal van je gsm/smartphone?

Waarom worden er zoveel smartphones gestolen?

In België worden gemiddeld 137 mobiele telefoons per dag gestolen. Je smartphone bevat heel wat gevoelige info zoals telefoonnummers, toegang tot je Facebook-en Twitteraccount, toegang tot je mailverkeer, sms'en, … . Grote paniek dus als je ontdekt dat je hem verloren bent of erger dat hij gestolen werd. Een smartphone heeft meestal een duur prijskaartje en is dus een interessante prooi voor dieven. Daarom geven de politie Westkust en de gemeente Koksijde u graag een aantal beveiligingstips mee. Als dieven je telefoon niet kunnen verkopen, hebben ze er ook niks aan. Het is helaas niet aan de buitenkant te zien of een telefoon beveiligd is, maar als genoeg mensen dit doen zal dit zeker effect hebben op het aantal diefstallen.

Wat kan ik doen om mijn smartphone te beveiligen?

- Laat je GSM nergens onbewaakt achter. Doordat bijna iedereen regelmatig zijn telefoon checkt, is het voor een dief niet moeilijk om te achterhalen waar je, je telefoon bewaart. Leg hem zeker niet even ergens, bewaar hem ook niet in een achterzak of een voorzakje van je handtas, rugzak of broek.
- Hou je aankoopbewijs bij. Dit is de beste manier om aan te tonen dat de smartphone in kwestie jouw eigendom is.
- Stel een wachtwoord in dat van toepassing is bij het inschakelen van je toestel of om je toestel uit stand-by modus te halen. Na enkele minuten inactiviteit of van zodra de batterij leeg is, wordt de code gevraagd, ook al zit er geen simkaart in.

What to do in case of theft or loss?

- Registreer je toestel en maak een account aan. De grote merken bieden dit aan via hun eigen cloud (online dienstverlening voor de opslag en het delen van files en data). Ga naar "instellingen" en maak je toestel automatisch "veilig". Hoe je dit moet doen terugvinden via [deze link](#) , je hoeft enkel op het logo van jouw merk of besturi... klikken.
- Wie dit wenst kan ook nog een bijkomende antidiefstal-app installeren. Afhanke... wensen en je smartphone doe je best vooraf wat vergelijkingswerk. Goede app... andere Prey Anti-Theft, Where's my Droid, Lookout, AVG Mobilation, ...
- Schrijf je IMEI-nummer (International Mobile Equipment Identity) op. Het IMEI-n... unieke code die jouw toestel identificeert. Dit nummer kan je heel vlug opvrage... *#06#. Wanneer je gsm effectief gestolen wordt, kan je provider je toestel via di... volledig onbruikbaar maken.
- Programmeer ICE-nummers. Deze afkorting staat voor 'In Case of Emergency', ... bekend als de nummers die je kunt bellen in noodgevallen. Programmeer je be... contactpersonen (echtgenoot, ouders, ...) met de code ICE. Zo kunnen hulpve... contacteren wanneer jou iets overkomt en zo kan een eerlijke vinder je makkeli...
- Maak ook regelmatig een back-up van je gegevens. Bij elk besturingssysteem i... Best dus even googelen.

Mijn telefoon werd toch gestolen…

- Bellen!
    - Vooraleer je in paniek slaat, bel je best eerst even je eigen nummer. Miss... je telefoon wel ergens rinkelen.

- Track-blokkeer-wis
    - Als je smartphone gestolen is of als je hem kwijt bent, log dan via internet in op het account waaraan je jouw smartphone hebt gekoppeld. Zo kun je, je toestel terugvinden, persoonlijke data wissen en/of je toestel blokkeren. Dan kan de dief je telefoon in ieder geval niet meer gebruiken. Hoe doe je dit nu exact?
        - ☐ Android - https://www.google.com/android/devicemanager
        - ☐ iPhone - https://www.apple.com/nl/support/icloud/find-my-device/
        - ☐ Samsung - http://findmymobile.samsung.com/
        - ☐ Sony - https://myxperia.sonymobile.com/
        - ☐ Windows phone - https://www.windowsphone.com/nl-nl/my/find
- Doe aangifte bij de politie Westkust. Geef daarbij zoveel mogelijk info door. Breng je aankoopfactuur, het IMEI-nummer en alle andere info mee. Vermeld welke app of software is geïnstalleerd op je toestel. De politie noteert je verklaring in een proces-verbaal en levert je een attest af. Om misbruik te voorkomen, seint de politie de gestolen gsm aan de hand van het IMEI-nummer.
- Laat je simkaart blokkeren door je provider. Zij kunnen ook je toestel volledig onbruikbaar maken via je IMEI-nummer. Vraag zeker ook een nieuwe simkaart aan voor hetzelfde telefoonnummer.
- Verander voor alle zekerheid de wachtwoorden die je ooit hebt ingegeven via je smartphone. Denk vooral aan online bankieren, e-mail, provider accounts en sociale mediasites.

What to do in case of theft or loss?

- Reporting to the police requires identification of the device:
  - **IMEI** code and **Serial number** identify mobile device
  - **ICCID** code identifies SIM card and on which **phone number**

- You can usually find these codes on your smartphone
  via "Settings > Phone info > IMEI1":
  IMEI (e.g. 123456789012345), ICCID (e.g. not present)
  However, you can always request them by typing
  the Secret Phone Code *#06# on the phone keypad

- Copy these USSD codes in advance so that you have
  them at hand in case your smartphone is lost or stolen;
  the police or provider can use them to determine
  the location of the device and, if necessary, block the device/SIM

Extra info

<u>Videos with more explanation</u>
for Dutch spoken Youtube video's, you can turn on English subtitles

* Een nieuwe telefoon kopen in 2024: hier moet je op letten | Expert
 https://www.youtube.com/watch?v=mpdHb7b86OQ

* Stand van je smartphone en Sensoren
 https://www.youtube.com/watch?v=yq5OiUZqf28

* Batterij besparen op je Smartphone
 https://www.youtube.com/watch?v=oR_bsbe_P_o

* Imei code opvragen en noteren
 https://www.youtube.com/watch?v=IG5qYZTCKPk

Section 2

Manage your agenda and notes with Agenda and Keep Notes app

How to use Agenda?

- The **Agenda** app is already installed on your smartphone by default

- Learn to book, move, and delete appointments

- Learn to work with recurring appointments
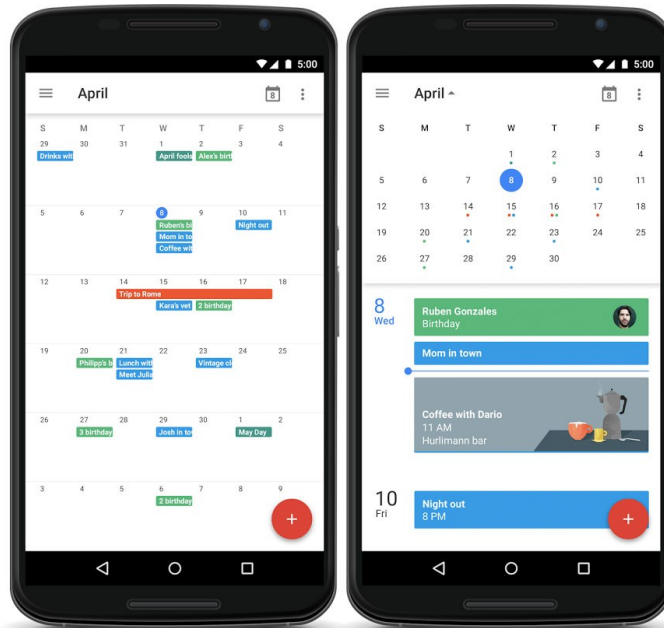
How to keep notes easily?

- There are many apps to easily and quickly keep small notes; one of the popular and very easy apps is **Google Keep Notes**

- Keep Notes app you have to install yourself (or have installed)

- Learn to quickly enter, change, and delete different types of notes (texts, photos, sound recordings)

Extra info

Videos with more explanation
for Dutch spoken Youtube video's, you can turn on English subtitles

* De Agenda (Android 13)
  https://www.youtube.com/watch?v=TPdoiC_lfzE

* Everything COOL you can do in Google Keep!
  https://www.youtube.com/watch?v=KXLw4XQqBNk

Section 3
Public Belgian websites

Which websites are interesting?

The following videos list public Belgian websites that have interesting general information:

- Personal administration:
  Doccle, Izimi, Zoomit

- Communicating with the government:
  Mijn Burgerprofiel, My eBox, My Pension

- File tax return:
  Tax-on-web in MyMinFin portaal

- Looking for work:
  VDAB, Actiris

- Contact emergency services:
  112 BE

Which websites are interesting?

- View your health data:
  Mijn Gezondheid, Helena, MyHealthViewer

- Manage your care relationships:
  Mijn Gezondheid, MyHealthViewer

- Take public transportation:
  NMBS, De Lijn, MIVB, TEC

- Compare energy and telecom prices:
  bestetarief.be, VREG / Brugel / CREG,
  testaankoop.be, aanbieders.be, mijnenergie.be, tariefcjecker.be

- Follow up student at school:
  Smartschool, Schoolware, Gimme, Informat

Central Government Websites

The central websites:

- Federal: https://my.belgium.be

- Flanders: https://www.vlaanderen.be

- Brussels: https://be.brussels

<u>Video</u>:
for Dutch spoken Youtube video's, you can turn on English subtitles

Websites van de overheid – Hoe kunnen fraudeurs hier op inspelen?

https://www.youtube.com/watch?v=mxtUikrHcZE

Extra info

<u>Videos with more explanation</u>
for Dutch spoken Youtube video's, you can turn on English subtitles

* Digiwatte? Je persoonlijke administratie organiseren - met VGT
   https://www.youtube.com/watch?v=nwA9pi5NDDo

* Digiwatte? Communiceren met de overheid - met VGT
   https://www.youtube.com/watch?v=1nQGNsXH0HQ

* Digiwatte? Je belastingaangifte indienen - met VGT
   https://www.youtube.com/watch?v=clwmu4eTdxc

* Digiwatte? Werk zoeken - met VGT
   https://www.youtube.com/watch?v=vY8eyw9MuOI

* Digiwatte? De hulpdiensten contacteren
   https://www.youtube.com/watch?v=a0fa-PFnrpY

Extra info

<u>Videos with more explanation</u>
for Dutch spoken Youtube video's, you can turn on English subtitles

* Digiwatte? Gegevens over je gezondheid bekijken - met VGT
  https://www.youtube.com/watch?v=S48gWINxWoE

* Digiwatte? Je zorgrelaties beheren - met VGT
  https://www.youtube.com/watch?v=JX15HOeXxOw

* Digiwatte? Het openbaar vervoer nemen - met VGT
  https://www.youtube.com/watch?v=VKfaBuYbByA

* Digiwatte? Energie- en telecomprijzen vergelijken
  https://www.youtube.com/watch?v=YSxQvANe1Zo

* Digiwatte? Een leerling opvolgen op school
  https://www.youtube.com/watch?v=7_Yh49WAPbs

Section 4

Road map and step counting with Maps and Pedometer app

How to find your way in unfamiliar places?

- There are many free road map apps with GPS navigation support, and each app has its pros and cons;
some popular apps are "Google Maps" (also live traffic info, but limited offline maps), Waze (also live traffic info, but no offline maps), "MAPS.ME" (specialized in offline maps), OsmAnd (also offline maps and support for walking and cycling) and FromHere (specialized in offline city maps) app;

- **Google Maps** app you need to install via Play Store

- Learn to use this app during car rides and walks

Extra info

<u>Videos with more explanation</u>
for Dutch spoken Youtube video's, you can turn on English subtitles

* Digiwatte? De weg zoeken - met VGT
  https://www.youtube.com/watch?v=iYn-nEDBr7A

* Google Maps (Android 13)
  https://www.youtube.com/watch?v=IigI1EB5fjQ

* Offline kaarten downloaden met Google Maps: zo werkt dat
  https://www.youtube.com/watch?v=PQ40CfiIIjc

* The MOST private MAP apps!
  https://www.youtube.com/watch?v=alodEeY6YAM

* OsmAnd Tutorial For Beginners (Best GPS App Review)
  https://www.youtube.com/watch?v=mzY1qROPLV0

How to use pedometer on mobile?

- There are many apps to count the number of steps taken while walking;
a popular free app for this is "Pedometer – Walking App"

- You need to install the **pedometer app** via Play Store

- Learn to set the pedometer and then use it during walks
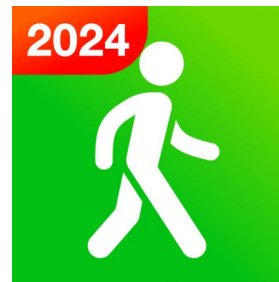
Extra info

Videos with more explanation
for Dutch spoken Youtube video's, you can turn on English subtitles

* pedometer / stepcounter for android smartphone
  https://www.youtube.com/watch?v=9kwb97rWEBo

Section 5

Request public transport and parking ticket with 4411 app

How to pay for parking and public transport tickets?

- Paying for street parking can often be done electronically in addition to cash;
  in addition to paying via SMS, you can usually also use the "4411" app for this

- You need to install the **4411** app via Play Store

- Learn to use the 4411 to start and stop parking for your car and to pay for train tickets

Extra info

<u>Videos with more explanation</u>
for Dutch spoken Youtube video's, you can turn on English subtitles

* SMS parkeren
  https://www.youtube.com/watch?v=EChfXn2WjLo

* Maak de 4411 parkeerapp klaar voor gebruik
  https://www.youtube.com/watch?v=CNgyVdgoFDI
 <u>Alternative:</u> Account aanmaken bij de app 4411 parkeren
  https://www.youtube.com/watch?v=IUgPP0V9H_Q

* Zo gebruik je de 4411 parkeer app
  https://www.youtube.com/watch?v=v4ufsYcA25Y
 <u>Alternative:</u> Straatparkeren via de app 4411
  https://www.youtube.com/watch?v=wcfhcsYA0Yg

Extra info

<u>Videos with more explanation</u>
for Dutch spoken Youtube video's, you can turn on English subtitles

* SMS ticket bij DE LIJN
 https://www.youtube.com/watch?v=FZL9Uw1ni8s
 <u>Alternative</u>: Zo koop je een sms-ticket via je gsm of smartphone
 https://www.youtube.com/watch?v=VpyHU-23_G8

* Hoe koop je een biljet via de app?
 https://www.youtube.com/watch?v=AzF3FixOmGc
 <u>Alternative</u>: Hoe koop ik een biljet op de site? | NMBS
 https://www.youtube.com/watch?v=5C46cVwu-i8

Section 6

Newspaper, news and TV on the go with HBVL, News and VRT app

How to stay up to date with the news on the go?

- To keep you informed of the latest news on the move,
  you can also read your newspaper electronically or contact news feeds

- For example, if you have a subscription to the newspaper "Het Belang van Limburg" you can install their **HBVL** app via Play Store

- You can also choose to consult free news feeds;
  you can install the "**Google News**" app for free via Play Store

How to watch TV on the go?

- If you want to watch television on the go, you can install the app of various channels and providers via Play Store for free

- For example, the VRT provides 2 apps:
"**VRT Max**" and "**VRT NWS**" apps
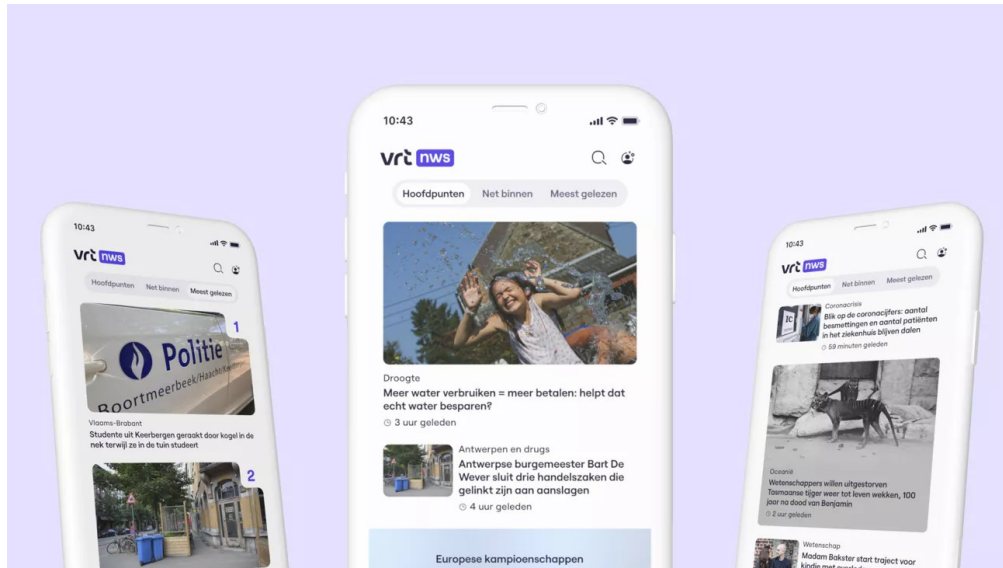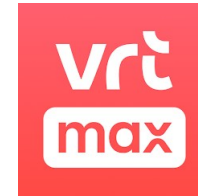
Extra info

<u>Videos with more explanation</u>
for Dutch spoken Youtube video's, you can turn on English subtitles

* Digiwatte? Kijken en luisteren met VRT Max
  https://www.youtube.com/watch?v=zxtWlq-K75E

Section 7

Translator on the go with Translate app

How to translate text and speech easily?

- The most popular and also free app to translate texts and conversations is "Google Translate" app

- You need to install the **Google Translate** app via Play Store; it is best to download the most used languages, so that you can also translate offline

- Learn to use this app in different ways:
  * type text and have it translated
  * film text on paper with a camera,
    and translate on screen
  * have a conversation in Dutch with someone
    who speaks another language

Extra info

<u>Videos with more explanation</u>
for Dutch spoken Youtube video's, you can turn on English subtitles

* Android gebruikers: Kom alles te weten over Google Translate!
 https://www.youtube.com/watch?v=MF7eTyv7f00

Section 8

Stream music and videos with Spotify and Youtube app

How to listen to music with streaming service?

- In addition to purchasing music stored on a storage medium (casette, vinyl record, CD) you can also choose to listen to music simultaneously while downloading it from the internet (called "streaming"); you can decide for yourself which music you want to listen to

- There are many streaming services on the internet, but **Spotify** is one of the most popular; Spotify also offers a free version, but then you will hear advertising between the songs

- Spotify must be installed via Play Store; during the first use you must create an account, e.g. by linking your Spotify account to your Google account

- Learn to search in the music library and listen to your favorite music

How to watch video with streaming service?

- You can also watch videos and films simultaneously while downloading from the internet (called "streaming");
you can decide for yourself which video you want to watch

- There are many streaming services on the internet,
but **Youtube** is the best known;

- Youtube app is installed by default on Android smartphone

- Learn to search for films and videos and watch your favorite video via Youtube

- In addition to watching films and listening to music with a streaming service, you can of course also download them completely first and then play this media file that is saved on your smartphone offline: open Youtube app, search for your video and click on "Download" under video (Premium account is required to be able to download)

Extra info

<u>Videos with more explanation</u>
for Dutch spoken Youtube video's, you can turn on English subtitles

* Muziek luisteren met een streamingdienst - Online les Vief vzw
  https://www.youtube.com/watch?v=yJ4k027Cso0

* Spotify vs. YouTube Music in 2023
  https://www.youtube.com/watch?v=YVOHirD3srM

Section 9

Scan bar/QR code and manage customer cards with Camera and StoCard app

What is a QR code?

- Similar to the already known barcode, but QR code can contain more information because it is 2-dimensional; moreover, multiple resolutions are possible
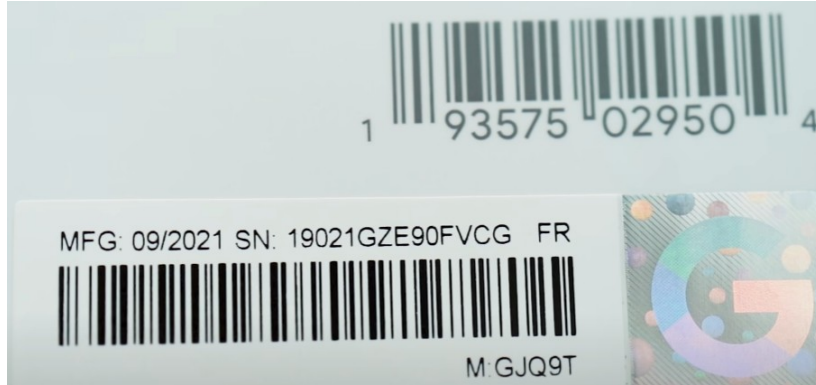
- QR codes can be used to create links to web pages, to represent payment details, to identify yourself when logging in, etc.

- Create your own QR codes via website *http://qr-code-generator.com* or "**Scanner for QR- and barcodes**" app (QR SCAN Team)

How to scan a QR code?

- On your smartphone you can create a QR code to log in to your home Wi-Fi via Settings > "Network and …" > Wi-Fi;
select Settings of your Wi-Fi network and click on "Share";
you can now take a screenshot and print it

- As of 2018, most cameras can automatically detect QR codes, without having to download a special app

- To scan QR codes, you need to open the **Camera** app;
on some smartphones you need to activate
Google Lens in the settings of the Camera app;
scanning a barcode or QR code can now be
done by clicking on the Google Lens button
in the Camera app
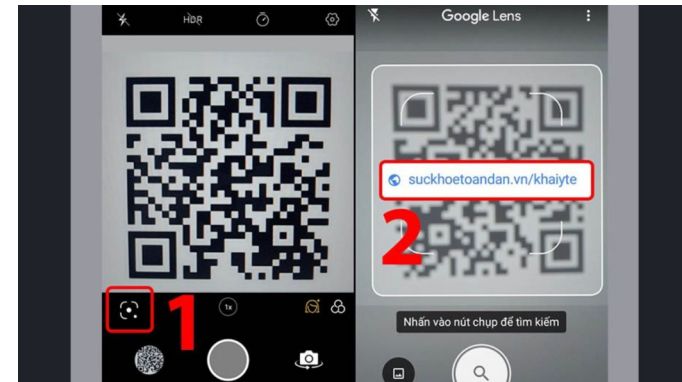
How to manage your customer cards?

- There are many apps to scan and save barcodes or QR codes on customer cards; a popular app for this is Bancontact app

- You need to install the **Bancontact** app via Play Store; then you can scan, show and manage all your customer cards via this app

Extra info

Videos with more explanation
for Dutch spoken Youtube video's, you can turn on English subtitles

* QR-code scannen, zo werkt het
https://www.youtube.com/watch?v=POM3VK90JoQ

* QR-codes zijn overal: let hier op als je ze scant (en scan onze verrassing!)
https://www.youtube.com/watch?v=fj3RY2UwBz4

* Stocard, een handige app om klantenkaarten bij te houden!
https://www.youtube.com/watch?v=3fVVuU_V6wI

* How to Protect & Generate Wi-Fi (or any) QR Codes- On Local Device!
https://www.youtube.com/watch?v=LcZVGwgB8TU

Section 10

Contactless and online payment with Payconiq-By-Bancontact app

How to pay contactless?

- Classic way to pay electronically is to insert your bank card into a payment terminal or card reader, and then enter your PIN

- "Contactless payment" is usually done by holding your **bank card** close to the **payment terminal**; currently up to 50 EUR can be paid in this way without entering a PIN code and usually up to 100 EUR in total per day without entering a PIN code (e.g. 150 EUR at KBC)

How to pay contactless?

- By setting up the **Payconiq-By-Bancontact app** in advance and linking it to a current account, you can hold the smartphone with this app (instead of a bank card) close to the **payment terminal** to make "contactless payments" (i.e. via NFC and without an internet connection).
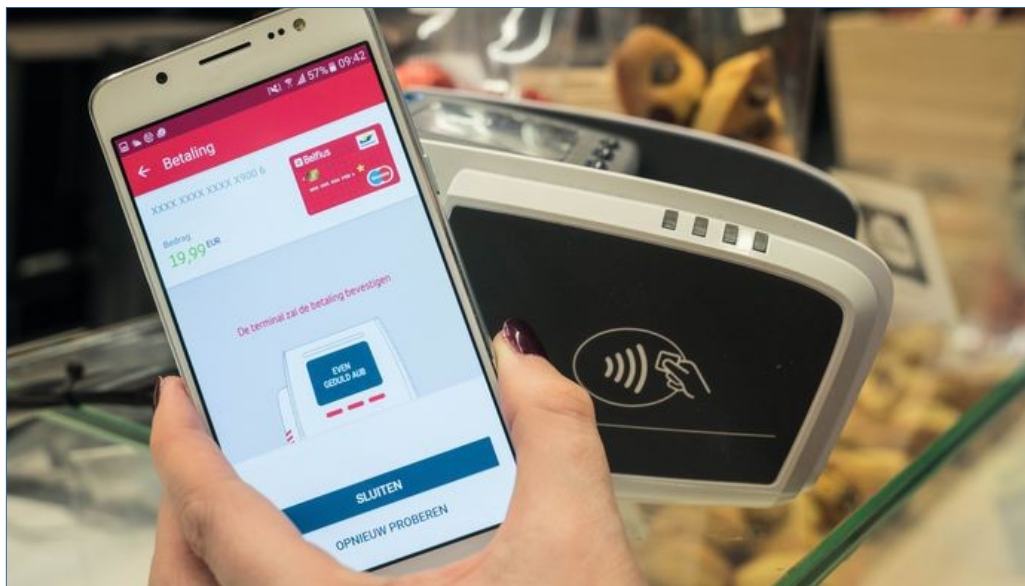
Extra info

Videos with more explanation
for Dutch spoken Youtube video's, you can turn on English subtitles

* Video contactloos betalen - verhoogde limiet
  https://www.youtube.com/watch?v=5iT6gQYtMd8

How to pay online?

- With "Online payment" no NFC and no payment terminal are used, but the payment is made **online** (via internet connection);
this is usually done by transferring the money via a bank-specific app on a PC or smartphone by entering all payment details

- However, this can also be done by scanning the **QR code** via the **Payconiq-By-Bancontact app** or bank-specific app on smartphone:
(1) receive QR code with payment details of the person to be paid:
   this QR code is usually shown on a sales website,
   but can also be created on the smartphone of the recipient:
   this person must select "Receive" via bank app,
   enter the amount of money and account number to be received,
   and then click "Next" to show the QR code

How to pay online?

- (2) scan this QR code on the payer's smartphone via bank-specific app or Payconiq-By-Bancontact app by selecting "Pay", and confirm payment with PIN code
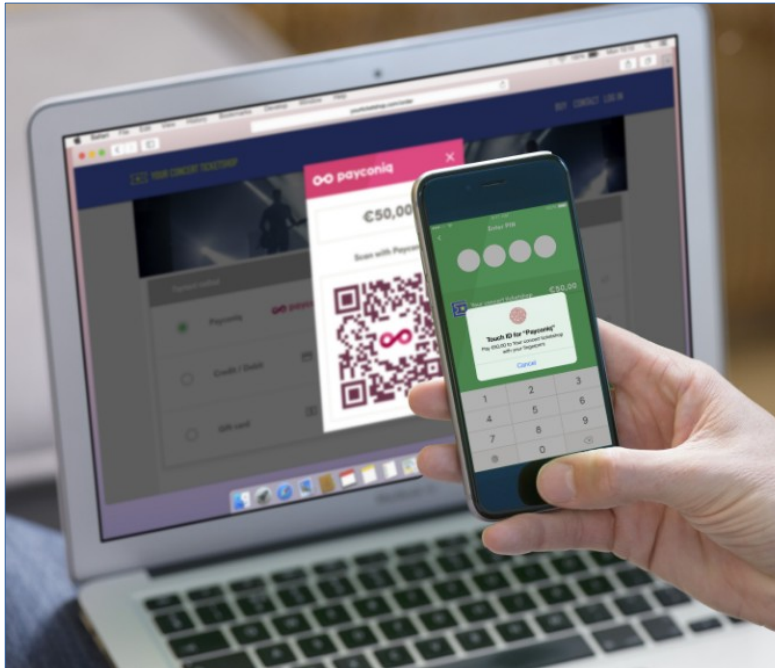
Extra info

Videos with more explanation
for Dutch spoken Youtube video's, you can turn on English subtitles

* Digiwatte? Online bankieren
  https://www.youtube.com/watch?v=hbEBC58LNaQ

* Digiwatte? Betalen met een smartphone of tablet
  https://www.youtube.com/watch?v=I2X-ssUke40

* Payconiq - Online les Vief vzw
  https://www.youtube.com/watch?v=CjQ449PhNL0

Extra info

<u>Videos with more explanation</u>
for Dutch spoken Youtube video's, you can turn on English subtitles

* De Bancontact-app: altijd en overal makkelijk betalen!
  https://www.youtube.com/watch?v=v3eDOa-sIKM

* In de winkel betalen? Betaal contactloos met de Bancontact-app!
  https://www.youtube.com/watch?v=XxyYVdaE8Jc

* Online betalen met de Bancontact-app (met een ander toestel)
  https://www.youtube.com/watch?v=_LsGWKf4IZ0

* Online betalen met de Bancontact-app (met hetzelfde toestel)
  https://www.youtube.com/watch?v=g9dH0JLAqcw

* Vrienden terugbetalen met de Bancontact-app
  https://www.youtube.com/watch?v=fdln1ob1c9Q

Section 11

Personal identification with Itsme app

How can you identify yourself?

- More and more services are digitally accessible via a website or app; some examples: Tax-On-Web, Doccle, Dienstcheques Vlaanderen

- To log in, you need to identify yourself here (prove that it is you); sometimes by username and password, or by eID card and PIN code, but the easiest and safest way is via the Itsme app

How to set up itsme to identify yourself?

- Install the **Itsme** app on your smartphone

- Open "*www.my.itsme.be/nl/register*" in browser on pc;
  enter phone number and email address,
  and click on "Create my account" button;
  plug in card reader and identify yourself with eID card;
  a unique identification code is then generated

- Configure itsme app on your smartphone:
  activate itsme app and enter your phone number;
  enter the generated unique identification code;
  receive sms with control code, and enter this code;
  enter self-chosen **itsme secret code** (5 digits)
  or fingerprint

How to use itsme for login?

Exercises
* Install the Itsme app on your smartphone and link your identity
* Install the Doccle app on your mobile and use the Itsme app to log in
* Use the Doccle website on your PC and log in with the Itsme app
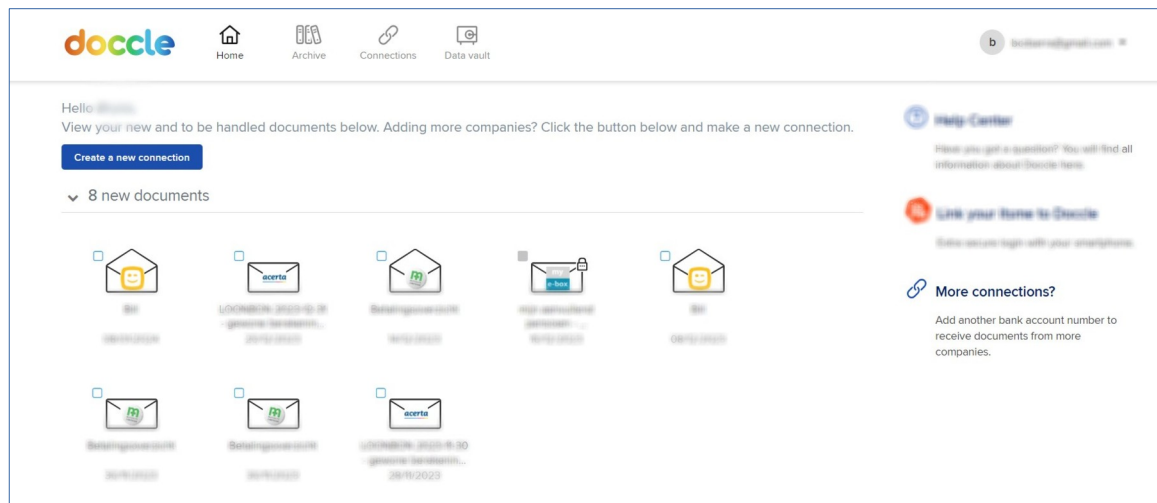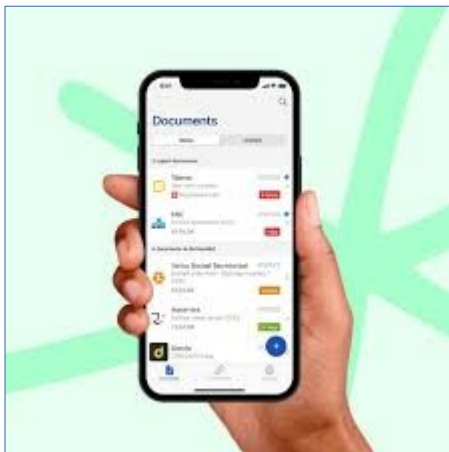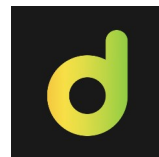
Extra info

<u>Videos with more explanation</u>
for Dutch spoken Youtube video's, you can turn on English subtitles

* Digiwatte? Online identificeren
  https://www.youtube.com/watch?v=JdBaw20dQcE

* Digiwatte? Een account aanmaken op itsme als 16- of 17-jarige
  https://www.youtube.com/watch?v=UGtZeBeAtnk

* Digiwatte? Je online identificeren als jongere
  https://www.youtube.com/watch?v=Aqq3aH26MyM

Extra info

<u>Videos with more explanation</u>
for Dutch spoken Youtube video's, you can turn on English subtitles

* Ontdek itsme
  https://www.youtube.com/watch?v=wtsR12cxWqE

* Je itsme-account aanmaken - met je Belgische eID (België)
  https://www.youtube.com/watch?v=0xV34Q15CFU

* Inloggen met itsme
  https://www.youtube.com/watch?v=a6qJ6vH3tTw

* Teken met itsme op Doccle
  https://www.youtube.com/watch?v=J9A0lIeRuhI

* Inloggen op MyMinFin met itsme
  https://www.youtube.com/watch?v=S9AM41ab9pk

Section 12

Save and share files in the Cloud with Google Photos, Google Drive and Google One Backup

What is a Google (Cloud) account?

- Google Cloud refers to all Google servers that Google makes available to everyone via the internet (sometimes for a fee); by creating a Google account you get access to all these Google Cloud services that are grouped under the name **Google One**

- A **Google account** is usually identified via an email address (almost always a gmail address); when installing an Android smartphone, a Google account is therefore assigned, which gives Google apps extra functionalities; other devices (e.g. Windows desktops) can also use the account and thus have access to Google One

What are benefits of Google account?

- A **free Google account** offers the following benefits (more with paid):
  - **extra storage space** (15 GB) with secure access via the internet
  - access to extra functionality in Google apps
  - financial benefits (rewards in Google Store, discount in hotels, etc.)
  - support from Google experts
  - sharing storage space with (max 5) family members and friends

- Especially free extra storage space is important and this is used for:
  - **Gmail** for storing messages
  - **Google Photos** for storing photo and video files
  - **Google Drive** for storing all kinds of files (e.g. pdf)
  - **Google One Backup** for creating a backup
    (reserve copy) of phone content and then using it
    when switching to a new device

What are benefits of Google account?

How to use Google Drive app?

- Install (if necessary) and open the Google Drive app

- With this app you can view and manage all files and folders from Google Drive for your Google account

- You can also manually upload folders and files from your smartphone to Google Drive;
you can also manually download folders and files from Google Drive to your smartphone

- You can open Google Drive in a browser or as a separate app, both on your smartphone and on your desktop

- Via the **FolderSync app** you can automatically upload and synchronize folders on your smartphone with Google Drive storage in the cloud

How to use Google Drive app?

Exercises

* create a new folder called "MyData" in the Internal Storage
* open the "Camera" folder in the "DCIM" folders;
  this contains all your photos that you took with the Camera app
* copy 3 photos from the Camera folder to the MyData folder,
  and change their names to test1.jpg, test2.jpg and test3.jpg in MyData
* create a new folder called "MyDataDrive" in Google Drive of your Google One
* copy test1.jpg and test3.jpg from MyData folder in Internal Storage
  to MyDataDrive folder in Google Drive
* open Google Drive in the Chrome browser on your desktop:
  https://drive.google.com/
* open test3.jpg in MyDataDrive folder with preview face

Extra info

Videos with more explanation

for Dutch spoken Youtube video's, you can turn on English subtitles

* Europe's data centres explained - the hidden technology behind modern life
  https://www.youtube.com/watch?v=GGaYZPzjhY8

* How To Upload Files To Google Drive on Android Phone
  https://www.youtube.com/watch?v=A9QU6EbgwU0

* How to use Google Drive Tutorial - Detailed Tutorial
  https://www.youtube.com/watch?v=G5B6ksOKlYI

* How to Auto Sync Folder to Google Drive on Android
  https://www.youtube.com/watch?v=0LZSFvyCmEk
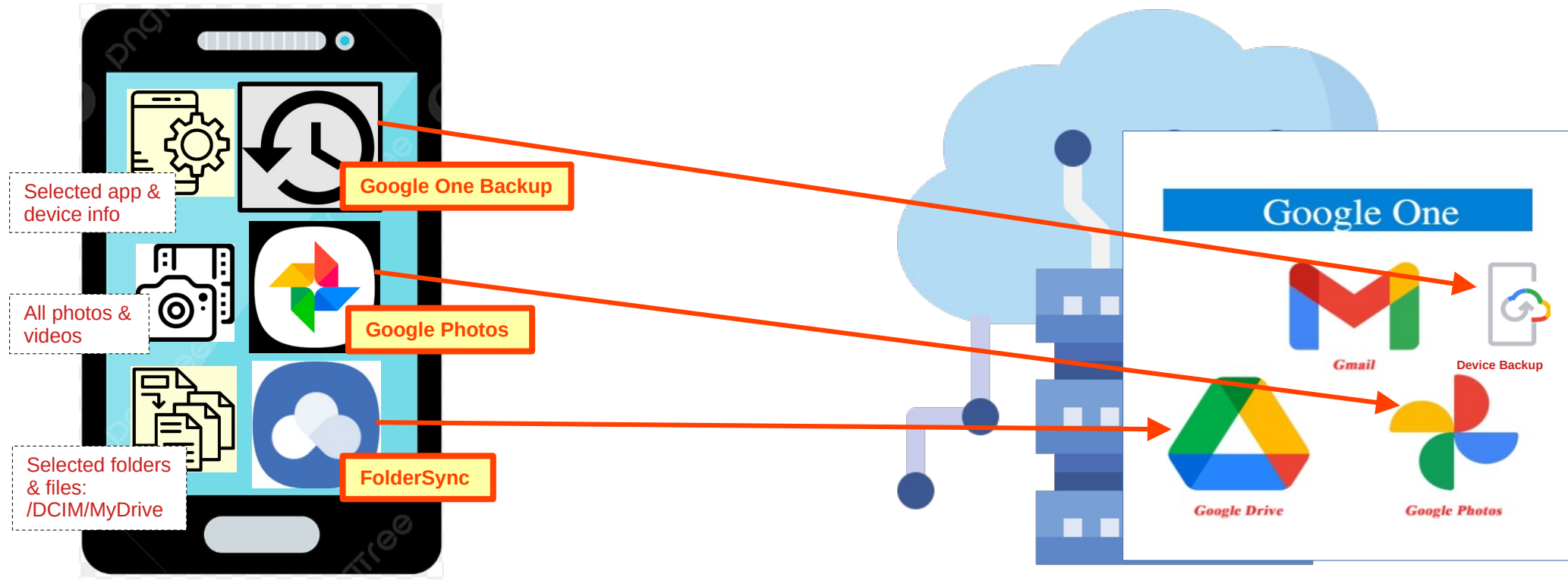
How to use Google One Backup?

- An automatic backup to Cloud is standard on Android phones and is the most commonly used way to backup your device: open "Settings > System > Backup" and activate "**Backup with Google One**"; this will automatically upload the selected data for backup to the Cloud via wifi if the phone has been inactive for 2 hours (via data network also possible); however, you can also manually make the backup at any time via the "Make backup now" button; Google Keep notes are automatically backed up

- WhatsApp must be backed up separately; open WhatsApp, click on the 3 dots icon at the top and choose "Settings > Chats > Backup chats"
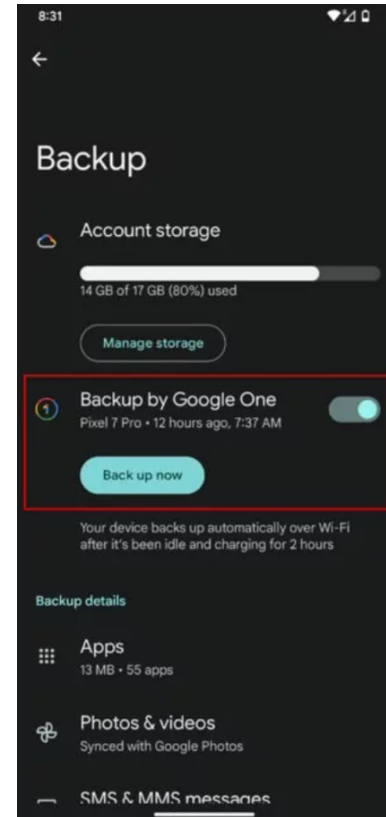
How to use Cloud storage in practice?

Use your Google One account for device backup and for centrally accessible storage of photos, videos and other non-sensitive data;
this upload should happen automatically and only via local WiFi to the internet;
through format "storage saving" you get unlimited space for photos and videos

Selected app & device info

Google One Backup

All photos & videos

Google Photos

Selected folders & files:
/DCIM/MyDrive

FolderSync

Google One

Gmail

Device Backup

Google Drive

Google Photos

Extra info

Videos with more explanation
for Dutch spoken Youtube video's, you can turn on English subtitles

* Webinar Bescherm uw waardevolle bestanden (smartphone)
https://www.youtube.com/watch?v=GAF3L1f9K7s

* Tip: zo maak je snel een back-up van je Android-toestel
https://www.youtube.com/watch?v=7FHU4zu1x4c

* Google Account Backup & Restore for Android
https://www.youtube.com/watch?v=NforgNfwsnw

How to use Cloud storage
in Photos app?

- Access to Google One is fully integrated into the Photos app;
  with this app you can not only view and manage photos and videos locally on
  your phone, but you also have:
  * extra storage that is accessible everywhere via the internet
    on all your devices
  * easy way to free up space on your smartphone
  * easily share photos and videos with other people
  * synchronization of photos and videos on all your devices (phone, pc, etc)

- Open Google Photos app and click on Profile icon at the top right;
  choose "Settings for Photos" and click "Backup" to change settings;
  "Backup quality" is best set to "Storage saver" so that all your photos up to HD
  (16MP) and videos up to HD (1080p) format are stored compressed in Cloud;
  this gives you unlimited space for photo and video storage (and these files do
  not count in 15GB free space)

Extra info

Videos with more explanation
for Dutch spoken Youtube video's, you can turn on English subtitles

* How to Backup Photos with Google Photos
  https://www.youtube.com/watch?v=3DFqCtGj-uY

* How To See Backup Photos In Google Photos
  https://www.youtube.com/watch?v=uCniTUeIB6k

* How To Delete Photos From Google Photos Without Deleting From Phone
  https://www.youtube.com/watch?v=bfA5rNvmii4

* How Can We Delete Photos from Phone Storage but Keep ...
  https://www.youtube.com/watch?v=-lLLvr5IXQo

Still questions?

perhaps answers to be found in follow-up presentation for advanced