smartFITapp

Text & audio asking if **visual, auditory or motor disability** (answer by text or voice)

1st Launch

App Icon

A — Accesibility Verification

Adaptation to **user disabilities**

B — Interface Adaptation

- **Biometric parameters**.
- **Personal data**: date of birth, gender, height…
- **Preferences**: styles & types of clothes.
- **Desired slack** for body parts.

C — Tutorial

D — Profile

MAIN SCREEN

Gallery (Highlights)

Offers

Q — Terms of Service

P — Frequent Questions

O — Contact Us

N — Settings

M — My Friends

L — My Wardrobe

K — Shop Assistant

J — Clothing Rental

STEPS
(for analog SmartFit garment)
i.   **Wear the SmartFit garment**.
ii. **Guide** in which order to register the elastic bands.
iii. **Face the camera** to an elastic band -automatic registration- (see Barcode Scanner App).
iv. **Calculate body dimensions**:
   • comparing each elastic band shape with those of pics of a **Data Base** of possible shapes thereof, each one associated with a body dimension;
   • and/or applying algorithms.
v.   **Registry** of body dimensions in **Body Evolution**.
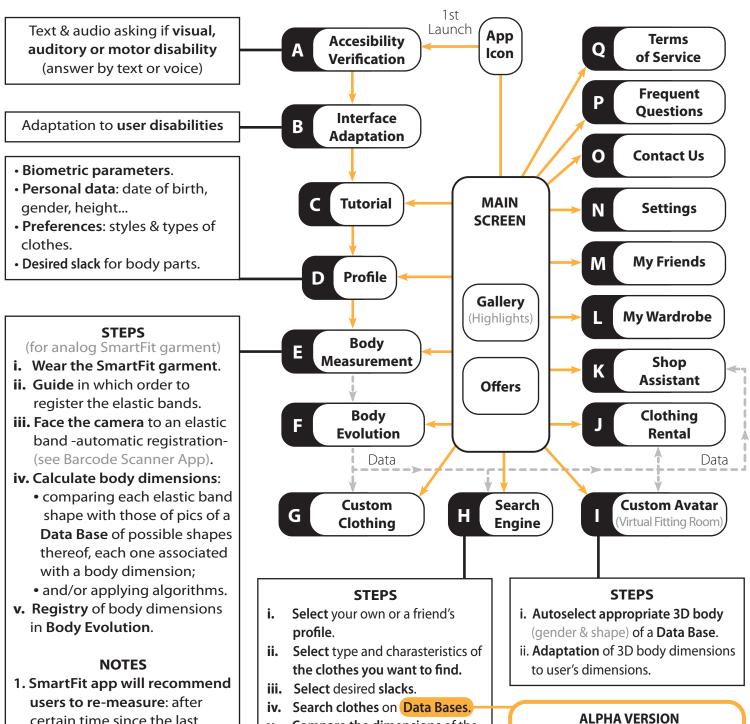
NOTES
1. **SmartFit app will recommend users to re-measure**: after certain time since the last measurement, after holidays, change of seasons…

2. **Digital SmartFit garment** will include in each elastic band a fabric-based extensometer that, when expands, **registers its dimensions in an NFC tag** that can connect with a smartphone.

E — Body Measurement

F — Body Evolution

Data

G — Custom Clothing

H — Search Engine

I — Custom Avatar (Virtual Fitting Room)

Data

STEPS
i.   **Select** your own or a friend's **profile**.
ii.   **Select** type and charasteristics of **the clothes you want to find.**
iii. **Select** desired **slacks**.
iv.   **Search clothes** on Data Bases.
v.   **Compare the dimensions** of the clothes found with the users dimensions (once applied slack).
vi.   Clothes **validation**.
vii. Clothes **recomendation**.
viii. Clothes **selection**.
ix.   Test on **Custom Avatar**.
x.   Save clothes in **My Wardrobe**, **Share** images in **Social Media**, or start **Purchase Procedure**.
xi.   Hire **Clothing Arrangement**.
xii. **Send adquired clothes**: to your own or friend's **Address**; to a store to **Pick up** -by using Stores locator-, or to **My Closet in…** -by using Hotels locator-.

STEPS
i. **Autoselect appropriate 3D body** (gender & shape) of a **Data Base**.
ii. **Adaptation** of 3D body dimensions to user's dimensions.

ALPHA VERSION
Data Base with the dimensions of a **clothes selection** handly measured by SmartFit (allows to demostrate to Retailers the effectiveness of the API).

BETA VERSION
Data Bases with the dimensions of the **clothes of Retailers**. It could be:
1. **Internal Data Base**, part of the API (dimensions provided by Retailers or handly measured by SmartFit).
2. **External Data Bases** of Retailers,
   • API connected with them, or
   • API integrated in the platforms of the Retailers (patents licensing).