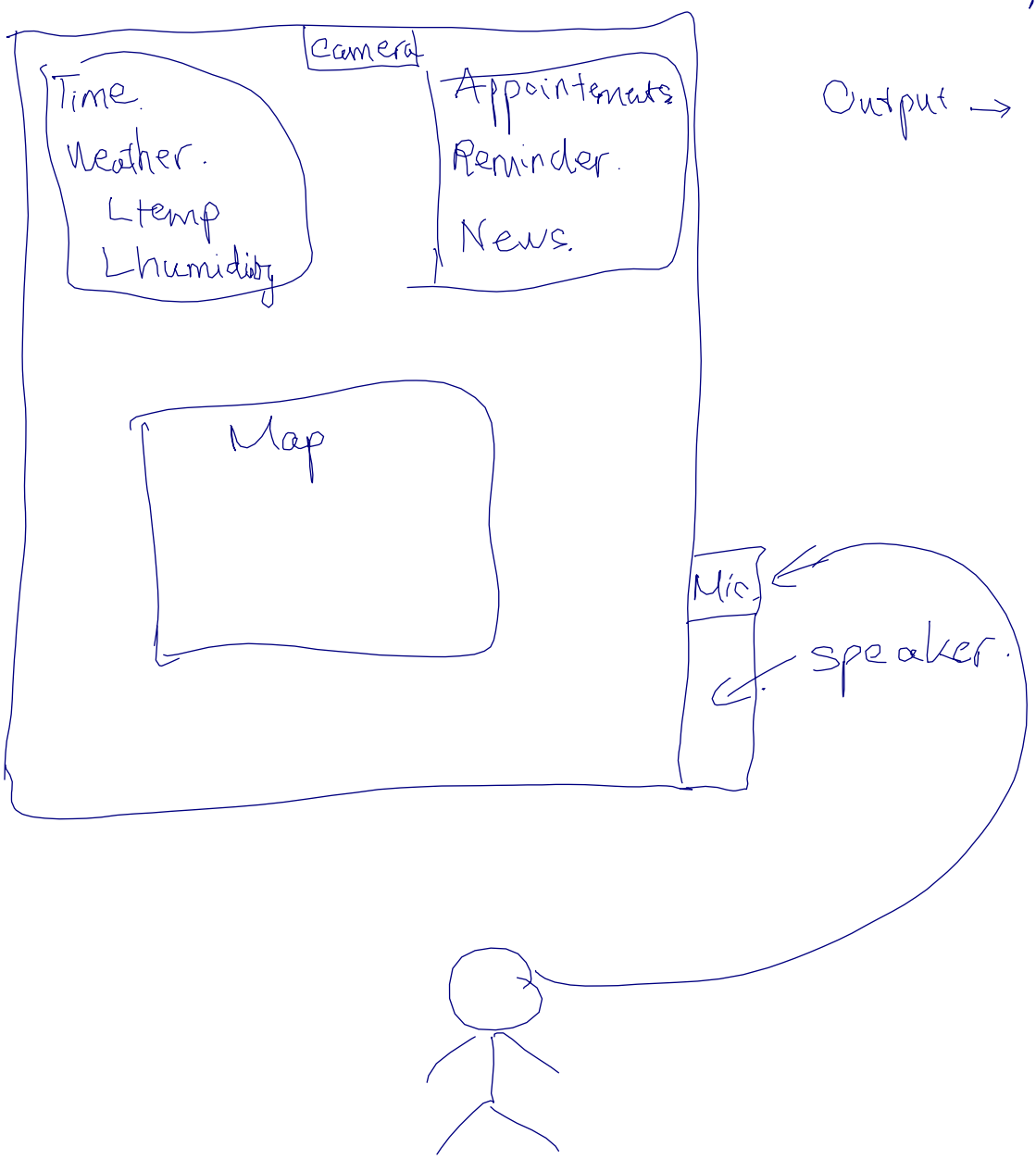
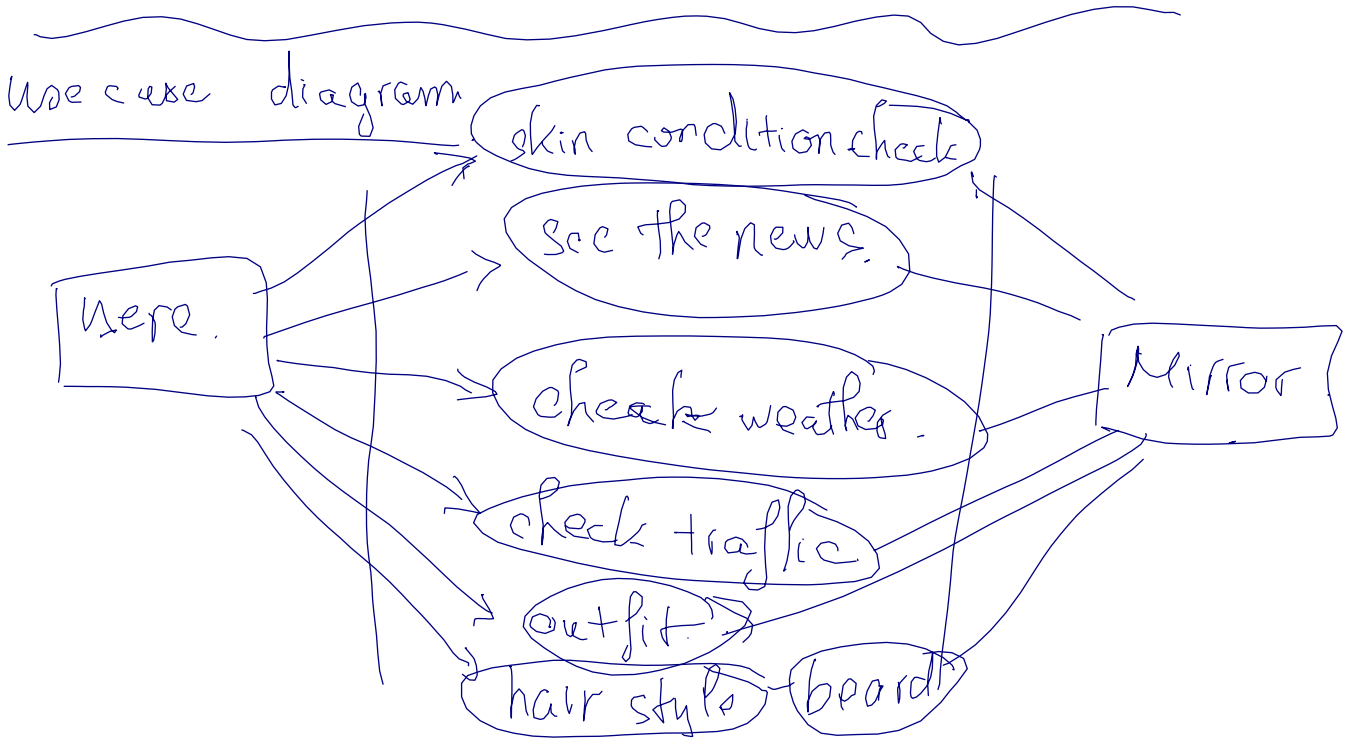
Smart Mirror

Input → camera.
mic.

Output → LCD
speaker.

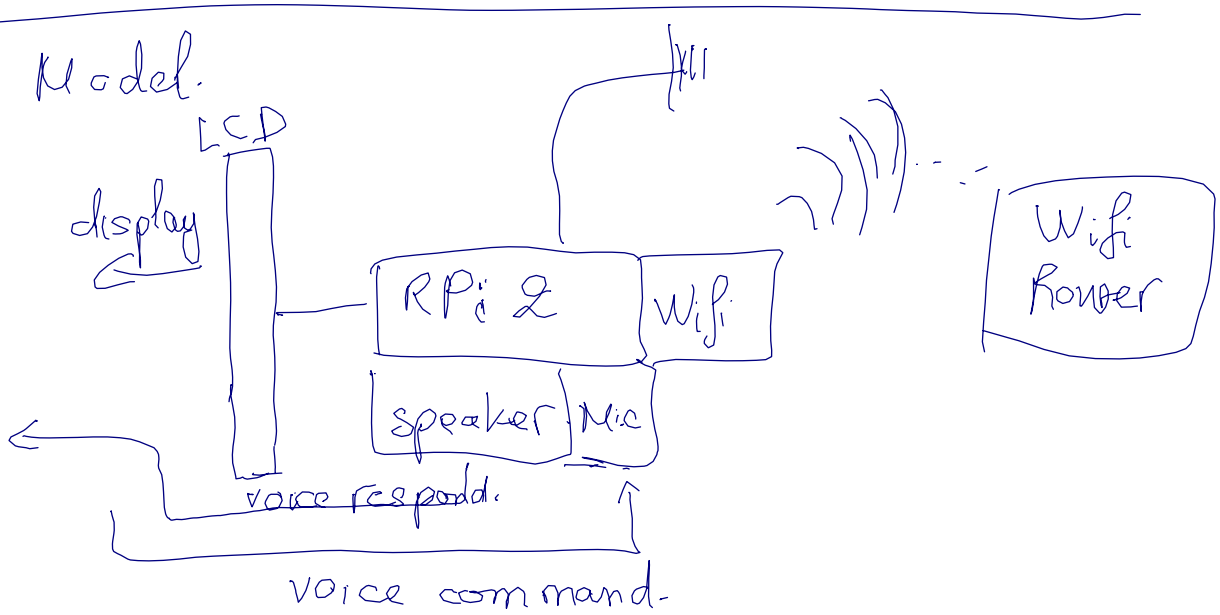




Functions:

- check news
- check weather
- outfit change & try out, can feed the data from designers or stores
- check skin condition, suggest some cosmetic or skin treatment
- measure & compare your face & body shape v/s the model's

System Model.



Software: - Raspbian. (Ubuntu)

SDK
- python.
- nodejs.
- openCV for face recon

- facebook & instagram integration to post photo

- Google voice API for voice recon
- Text 2 speech API for output
- Google map for display traffic.
- Stores API for outfit & cosmetic product (Amazon, KOHL)
- weather APIs.

Business Model

B2C

1) Sell product (off the shelf)

2) upgrade packages. → enhanced functions.

B2B

1) Integrate clothes designer to advertise the outfit on your mirror

2) Integrate with cosmetic provider to adv the product.

3) Skin therapy expert to provide consultation.

Implementation:

Schedule:

1) Prototype: 1 month. for basic functions.

2) Get some funding for mass production (6 months)

3) Production & benefits (1 year)

App / UI.

App: ← nodejs. webased. (angularjs).

Server: machine learning.
- face regcorition.
- voice regcon.
- data mining for clothes / cosmetc.

own server by Raspberry Pi

3rd party API: - Weather.
- Google Map
- Facebook
- Instagram
- Amazon.
- Google voice.