**Functional requirement for smart skips**

**Examples of functional - 5**

* **Record skips state (colour: red full, green empty)**
* **Update the state of the skips**
* **Finding shortest path to destination**
* **Record skip travel location**
* **Switch result view (switch from different skips)**
* **Locating existing account**
* **Full information for registration**
* **Confirmed of account login**

**Non- factional – 4 – CONTRAINST ON - reliability, response time and storage requirements**

**Examples:**

* + **Response time**
    - **Google api response time**
    - **Switching from full to empty**
    - **Time taken to detect shortest path**
  + **Reliability:**
    - **Too many users at one time**
    - **Bug in the code**
    - **Failure in the algorithm**
    - **Missing Interface functions**
    - **Non-responding software**
    - **Slow running asset(phone)**
  + **Storage:**
    - **Devices not having enough run space**
    - **The software requiring a lot of memory**