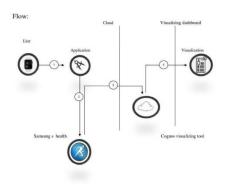
Project Design Phase-II Data Flow Diagram & User Stories

| Date | 03 October 2022 |
|---------------|-----------------------------------|
| Team ID | PNT2022TMID50017 |
| Project Name | VISUALIZING AND PREDICATING HEART |
| | DISEASE ON INTERACTIVE DASHBOARD |
| Maximum Marks | 4 Marks |

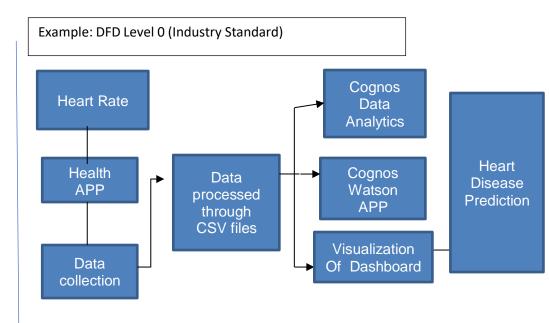
Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example:



- 1. User can get the heart rating data as csv file from the smart watch
- 2. Then heart rate data can be get by smart watch app such as Samsung s health, Qualy etc
- 3. Then the data can compressed into one list using python list function then it again get as csv file
- 4. Then the data file is connected to cognos data analytics too for visualization
- 5. finaly the Heart disease data visualized in dashboard



User Stories

Use the below template to list all the user stories for the product.

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|----------------------------------|-------------------------------------|----------------------|---|--|----------|----------|
| Patient (Smart Watch user) | Use the smart watch | USN-1 | As a user, I can wear the smart watch to monitor the Heart Rate | I can access the data through app such as Health apps | High | Sprint-1 |
| | | USN-2 | As a user, I will receive the Heart Rate data as csv file | I can get data through the registered health monitor app | High | Sprint-1 |
| | | USN-3 | As a user, I compress the Heart Data through list type | I can compress data through jupyter notebook | Low | Sprint-2 |
| | | USN-4 | As a user, I upload the compressed data to cognos cloud | | Medium | Sprint-1 |
| | Login | USN-5 | As a user, I can acess my dashboard through my user id | | High | Sprint-1 |
| | Dashboard | | Dashboard to visualize Heart rate to predict the Heart Disease | | | |
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