Table 1: Feature Summary and Delivery Schedule

**Group**: 7

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Version 1 | | Version 2 | | Version 3 | | Comments |
|  | Original Plan | Delivered On | Original Plan | Delivered On | Original Plan | Delivered On |  |
| 1. GUI Development | | | | | | | |
| 1.1 Patient Menu | October 30th, 2017 | November 2th, 2017 |  |  |  |  | Completed to schedule |
| 1.2 Settings Menu | October 30th, 2018 | November 2th, 2018 |  |  |  |  | Completed to schedule |
| 1.3 Safe Zones Menu | November 5th, 2017 | November 6th, 2017 |  |  |  |  | Completed to schedule |
| 1.4 Analytics Menu | November 5th, 2017 | November 6th, 2017 |  |  |  |  | Completed to schedule |
| 1.5 Caretaker Menu | November 5th, 2017 | November 6th, 2017 |  |  |  |  | Completed to schedule |
| 2. Core Location Features | | | | | | | |
| 2.1 Patient Location Tracking | November 5th, 2017 | November 6th, 2017 |  |  |  |  | Completed to schedule |
| 2.2 Safe Zone Creation |  |  | November 10th, 2017 | November 6th, 2017 |  |  | Completed to schedule |
| 2.3 Safe Zone Editing |  |  | November 10th, 2017 | November 6th, 2017 |  |  | Completed to schedule |
| 2.4 Bookmark Creation | November 4th, 2017 | November 6th, 2017 |  |  |  |  | Completed to schedule |
| 2.5 Bookmark Editing | November 4th, 2017 | November 6th, 2017 |  |  |  |  | Completed to schedule |
| 2.6 Bookmark Navigation |  |  | November 19th, 2017 | November 19th, 2017 |  |  | Completed to schedule |
| 2.7 Take Me Home Button | November 5th, 2017 | November 6th, 2017 |  |  |  |  | Completed to schedule |
| 2.8 Location History |  |  | November 10th, 2017 | November 19th, 2017 |  |  | Completed to schedule |
| 2.9 Basic Navigation |  |  | November 17th, 2017 | November 19th, 2017 |  |  | Completed to schedule |
| 2.10 AR Navigation |  |  |  |  | November 29th, 2017 | November 28th, 2017 | Completed to schedule |
| 2.11 Safe Zone Alerts |  |  |  |  | November 25th, 2017 | Dec 1th, 2017 | Completed to schedule |
| 2.12 Turn-by-turn Navigation |  |  |  |  | November 25th, 2017 | Dec 1th, 2017 | Completed to schedule |
| 3. UI Refinement and Extras | | | | | | | |
| 3.1 UI Colour and Sizing |  |  |  |  | December 2nd 2017 | December 2nd 2017 | Completed to schedule |
| 3.2 Video Tutorials |  |  |  |  | December 3rd 2017 | December 3rd 2017 | Completed to schedule |

Table 2: Fulfillment of Requirements

|  |  |  |
| --- | --- | --- |
| CMPT 275 Project Requirement | Fulfillment of requirement? [X] | Justification of fulfillment and explanation (explain why your application has fulfilled this requirement) |
| Data Input: Mechanism of input, manual or read a dataset from a file, or from a web site (e.g. User entered data, data from other sensors, RSS feeds) | [ ]No **[X]Yes** | Users input data such as bookmarks. Sensor data from the phones GPS is also inputed |
| Archiving: Some of the information will be saved in an archive form. For example: SQL database (e.g., mySQL), flat file, or an online data storage (search the Web) | [ ]No **[X]Yes** | Data is transmitted via JSON to our server which stores it in a MongoDB database |

|  |  |  |
| --- | --- | --- |
| Analysis: The application will in some way perform analysis function to the data collected. For example, data search (discovering specific services/products among those available), sorting, regression analysis, other statistical analysis, etc. | [ ]No **[X]Yes** | The historical data is viewable by the caretaker. The data can be filtered and shown on a map or a table with timestamps of each location |
| Display: Visualization of the analysis results (perhaps using graphs and charts.) | [ ]No **[X]Yes** | The data is visualized on a map with annotations for each location. More visits = more annotations |
| Network components: The system must have components that are accessible over the Web, using a web browser or a specialized application client (e.g. Wi-Fi and cellular network connectivity) | [ ]No **[X]Yes** | Background data synchronization requires that the app always be connected to WiFi or cellular data for accurate tracking |
| Mobile feature: Utilizing at least one feature of the particular mobile platform (in additional to Wi-Fi and cellular network connectivity), for example: accelerometer, GPS location, camera, video recording, etc. | [ ]No **[X]Yes** | We use the phones camera, GPS and accelerometer for the Augmented Reality Navigation component and GPS for location tracking |