**Iteration 2**

Total Story Points: **22** Total Hours: **68**

Current Velocity: **6**

## Story 1: Patient Tracking - Virtual Fence

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Write test cases | 2 |  |
| 2 | Set up a virtual fence with a given radius in relation to a given point | 4 |  |
| 3 | Create interface to input custom radius and location | 1 |  |
| 4 | Create notification system for when the patient is outside the virtual fence | 4 |  |
| 5 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: **4** Total Hours: | **12** |  |

## 

**Story 13: Low Battery Alert**

|  |  |  |  |
| --- | --- | --- | --- |
| Task  ID | Task Description | Estimate | Taken |
| 1 | Create Test Cases | 1 |  |
| 2 | Integrate Battery API into app | 2 |  |
| 3 | Create montor function | 1 |  |
| 4 | Send alert to server when triggered | 1 |  |
|  | Story Points: **1** Total Hours: | **5** |  |

**Story 17: Patient Profiling**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Write test cases | 1 |  |
| 2 | Create interface for adding profile information | 1 |  |
| 3 | Display profile information | 0.5 |  |
| 4 | Verify story is complete (acceptance test) | 0.5 |  |
|  | Story Points: **1** Total Hours: | **3** |  |

**Story 21: Call Smartwatch**

|  |  |  |  |
| --- | --- | --- | --- |
| Task  ID | Task Description | Estimate | Taken |
| 1 | Write test cases | 1 |  |
| 2 | Create interface to call the patient’s smartwatch | 1 |  |
| 3 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: **1** Total Hours: | **3** |  |

## Story 40: Communication - Text Message Interface (overflow from Sprint 1)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Write Test Cases | 2 |  |
| 2 | Build UI for messaging system | 2 |  |
| 3 | Integrate Android SMS API with messaging application | 2 |  |
| 4 | Verify story is complete | 1 |  |
|  | Story Points: **1** Total Hours: | **7** |  |

**Story 46: Patient Profiling - Privacy Settings**

|  |  |  |  |
| --- | --- | --- | --- |
| Task  ID | Task Description | Estimate | Taken |
| 1 | Writing Unit Tests | 1 |  |
| 2 | Design Settings | 1 |  |
| 3 | Implement Settings | 1.5 |  |
| 4 | Verifying Story | 0.5 |  |



**Story 49: Patient Tracking - Course Correction**

|  |  |  |  |
| --- | --- | --- | --- |
| Task  ID | Task Description | Estimate | Taken |
| 1 | Writing Unit Tests | 2 |  |
| 2 | Design Course Correction | 3 |  |
| 3 | Implement Course Correction functionality | 3 |  |
| 4 | Implement Notifications for Course Correction | 2 |  |
| 5 | Verify Story | 2 |  |



**Story 51: Clock**

|  |  |  |  |
| --- | --- | --- | --- |
| Task  ID | Task Description | Estimate | Taken |
| 1 | Display time in user interface | 1 |  |
| 2 | Format clock to fit with app design | 1 |  |
| 3 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: **1** Total Hours: | **3** |  |

**Story 54: Simple Interface - Simplicity - Stage 2 - Create Virtual Watch**

|  |  |  |  |
| --- | --- | --- | --- |
| Task  ID | Task Description | Estimate | Taken |
| 2 | Create ‘app’ views | 4 |  |
| 3 | Seek client and team feedback | 0.5 |  |



## Story 53: Simple Interface - Simplicity - Stage 3 - Refined Prototype (overflow

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Refine the UI | 2 |  |
| 2 | Seek more feedback | 0.25 |  |
| 3 | Verify Story Complete | 0.25 |  |
|  | Story Points: **2** Total Hours: | **2.5** |  |

**Story 56: GPS Tracking (Retrieve)**

|  |  |  |  |
| --- | --- | --- | --- |
| Task  ID | Task Description | Estimate | Taken |
| 1 | Write test cases | 2 |  |
| 2 | Establish code to retrieve from the database | 4 |  |
| 3 | Implement feature to display the stored map information. | 4 |  |
| 4 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: **4** Total Hours: | **12** |  |