Michael Lee, Daniel Song, Aaron Liberatore

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**Project Plan Legend:**

**High Priority**: Must Have;

**Moderate Priority**: Would Like,

**Low Priority:** Would be nice, can live without for now

**Project Sprint Breakdown**

* **Sprint #1 - Pretotype (Git tag: "Pretotype")**:
  + **Mockup → Working mock up of mobile app:** Uses Invision mockups of each of the main pages
    - Demonstrates gesture functionality, data input, outputs, interactions.
* **Sprint #2 - Prototype (Git tag: "Prototype")**:
  + User Interface setup for:
    - **Page → Login Screen (9/27)**: Implementing front end entry point for nurses and caregivers. Simple login screen, verification via firebase backend
    - **View→ Nurse Frontend:**
      * Feature → View Your Clients (9/29)
      * Feature → Messages Page// just the view (9/30)
      * Feature → Settings Page // just the view (9/30)
    - **View → Caregiver Frontend:**
      * Feature → Daily Log: question set
        + Questions obtained from Dr. Arif on hospice patient indicators (9/29)
      * Feature → Messages Page //just the view (9/30)
      * Feature → Settings Page //just the view (9/30)
* **Sprint #3 - Baseline (Git tag: "Baseline")**:
  + **Feature → Sync the backends of Nurse and Client side**
  + Caregiver:
    - Feature → Get patient status
    - Feature → View Caregiver history
  + Nurse
    - Data → Robust questions from Arif
  + Sorting feature/ patient priority
    - Feature → Algorithm development (Preliminary algorithm)
      * Work differently based on question types
      * Customizeable
* **Sprint #4 - Alpha (Git tag: "Alpha")**:
  + Feature → Export the list of patients
  + Feature → Messaging feature; actual implementation
* **Sprint #5 - Beta (Git tag: "Beta"):**
  + Feature → Advanced Sorting Algorithm: Taking the refined statistics from client, we will modify the existing sorting algorithm to better predict critical events.
  + Feature → Offline Use/ Online Sync: This improvement will enable the application’s use in offline areas ensuring data persistence by buffering data local data changes and syncing with the database upon reconnection to the internet.
  + Feature → Daily Routing and Scheduling Display: This feature will sync with a nurse’s calendar to construct a their daily rounds based on patient priority, patient location, and their last visit information.
* **Sprint #6 - Release (Git tag: "Release")**:
  + Update → UI Improvement: Prior to release, we will finalize the user interface based on client and user feedback refining colors, text, and button locations.
  + Update → Fixes: This sprint will also see the correction of minor bugs to produce a consistent and reliable user experience.
  + Communications → Final Documentation: Finally, this sprint will package the final product and finalize documentation to deliver to the client.