**Analysis**

1. **Problem:** Mental and Physical health issues for Veterans and VA bureaucratic issues.
   1. **Data**
      1. Suicide Issues
      2. VA has tens of apps for each separate possible issue; need one centralized app.
         1. <https://mobile.va.gov/appstore/all>
   2. **Anecdotes by Veterans:**
      1. “I live 90 miles from VA Medical facility therefore do not utilize their services”
         1. From 80 yr old Vietnam Vet; 30% disabled; Shows one issue: communication. How can we broaden communication? - App
   3. **General Reviews**
      1. People have said they are fairly satisfied with the VA, but are often reporting communication issues and therapy issues.
2. **Project Scope:**
   1. **Goals:**
      1. More communication with VA
      2. More tracking of physical and mental therapy
         1. Some sort of award-base/competitive system to motivate people to do the therapy and get active
      3. More communication with veterans
      4. Assistive Technology
         1. Screen Readers
   2. **Elements:** 
      1. User Profile/Sign-Up System:
         1. API for veteran authentication
         2. Vision Adaptability Software
         3. Profile Pics
         4. Branch > Corps > Division > Brigade > Regiment > Battalion > Company > Platoon > Squad
            1. Match up with other veterans in your division
         5. Engagements/Deployment with years
         6. Profile for Doctors/Med Students
            1. API authentication
         7. Lawyer Profiles
            1. For Claim issues
      2. Physical Fitness Element:
         1. Reminder System for Therapy Exercises
         2. Cross-Integration with Fitness Bands/Health App
         3. Category: Therapy and Workouts
         4. Award System? Competitiveness?
      3. Mental Health Element:
         1. Communicate long distance (i.e. Zoom Compatibility, DMs)
         2. Hosted Therapy Session with Therapist Mediators
            1. Different Groups with similar issues
            2. Reminders/Notifications for upcoming meetings
      4. VA Greater Communication:
         1. VA Telehealth
         2. Recommendations Veterans can Do for:
            1. Full disabilities
            2. Compensations
            3. Etc.
      5. Front Door:
         1. HTML
         2. CSS
      6. Back Door:
         1. Servers
         2. Encryption
         3. Data Snatching with Node.js and javascript
   3. **Organizations to be in Contact with**
      1. VA
      2. Disabled American Veterans
      3. American Legion
   4. **Potential Issues**
      1. Budget
      2. Trolls; nonveterans on app
      3. Senior Veterans’ difficulties with app
      4. Security and Privacy Risks
      5. Therapists
   5. **Questions**
      1. How can we know the app is causing impact?
      2. How will Users interact with the app?
      3. How to verify credentials?
      4. How can therapists be compensated?
   6. **Market Research**
      1. Any other apps that address said issue?

**Design**

1. **Structure:**
   1. **Flowchart**
   2. **User Accounts**
      1. APIs for Military IDs
2. **Technical Requirements:**
   1. **OS**
      1. iOS
         1. Swift/Xcode (theoretical)
         2. If published, need $100 fee each year
      2. Android
      3. Internet
         1. HTML index file
         2. Javascript
         3. DNS domain listing
         4. Server hosting
            1. Could host on service companies such as:

Wix

Aws (most likely)

Squarespace

* + 1. Ability to switch between Horizontal and Landscape for mobile devices
  1. **Language**
     1. HTML
     2. CSS
     3. Javascript
        1. Node.js
  2. **Data Needed**
     1. How long people are on the app
     2. Most used section
     3. Therapy Points
  3. **Hardware**
     1. Servers

1. **Solutions to Questions and Potential Issues:**
   1. **Reliability and User Experience Accountability**
   2. **Nonprofit**

**Development**

1. **Prototype**
   1. **Have coded or have image of GUI** 
      1. CAD or Video/Photos
   2. **UI Design:** 
      1. <https://material.io/design>
      2. <https://codelabs.developers.google.com/codelabs/mdc-101-web/#1>

**Business Model**

1. **Specific Tool to Present**
2. **Full Cost and Revenue Structure**

**Business Pitch**

**Expected Impact**

**Test**

**Deployment**

**Maintenance**