**Project Plan:  My Green Book**

**1. Introduction**

This document lays out a project plan for the development of “My Green Book” open source repository system by Nijii Daniels.

The intended readers of this document are current and future developers working on “My Green Book” and the sponsors of the project. The plan will include, but is not restricted to, a summary of the system functionality, the scope of the project from the perspective of the “My Green Book” team (me), scheduling and delivery estimates, project risks and how those risks will be mitigated, the process by which I will develop the project, and metrics and measurements that will be recorded throughout the project.

**2. Overview**

In the military, there countless leaders who are overworked and under a lot of stress. Also with the limits of current military technology tasks that should be relatively easy gets turned into a mundane process that sometimes isn’t completed. For example, a team leader in a single week would have to go to a class, run a range, teach a block of instruction, and completed their own personal paperwork as well as the paperwork for their soldiers. A lot of the time the team leaders do not have their own office. Being put in that position sometimes causes mistakes in accountability and an unorganized workspace. If they want to simplify their workload they can use the platform. They can keep everything in one place to mitigate the chance of something being lost or misplaced. Through my platform, I’ll enable them to have the proper time and organization to make sure the fine details of their job are done in a manner that reduces the chance of the failure of the mission.

**2.1 Customers**

Everyone in a leadership position in the military.

**2.2 Functionality**

* Users should be able to register through their already existing accounts.
* They should be able to add/edit solider information
* Each user/soldier can have his/her profile picture
* They should be able to add/edit calendar events
* Users will be able to find regulations and standards
* Users will receive notifications of current and future events
* *Have offline functionality*
* *Each branch will have their own version*
* *Higher ranking personnel will be able to link information with subordinate leaders*
* *Officers will have their own version*
* *Storage and sharing of military classes*

P.S.  Italic points features can be inculcated later.

**2.3 Platform**

It will be launched both as a Web-based application and possibly a mobile app for Android.

**2.4 Development Responsibility**

I, Nijii Daniels, would be developing the software and I am responsible for the creation of the Database and all the other related stuffs.

**3. Goals and Scopes**

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* They should be able to add/edit calendar events
* Users will be able to find regulations and standards

**4. Deliverables**

I’ll deliver the following during the course of development:

* Feature specification
* Product design
* Test plan
* Development document
* Source code

**5. Risk Management**

**5.1 Risk Identification**

Following will be the risk involved in my project:

1. The Military doesn’t trust certain technologies.
2. There is already AKO that does a similar job so, what would be the real cause that would motivate them to join my application.

**5.2 Risk Mitigation**

1. The current technology in the Military is not reliable. Systems crash on a weekly basis and servers are constantly down for maintenance. My application will have online and offline capability with out reliance on out of date technology.
2. Even though AKO has similar functionality, it is an Army only website. Also, not a lot of leaders in the Army use it. My platform would still offer them more options and reliable service along with portability.

Thus, I think that there is a considerable amount of difference between AKO and my application and it would attract many people.

**6. Scheduling and Estimates**

|  |  |  |  |
| --- | --- | --- | --- |
| **Milestone** | **Description** | **Release Date** | **Release** |
|  |  |  | **Iteration** |
| M1 | Application view and Design |  | R1 |
|  | (Front-end development) |  |  |
| M2 | Database for my application |  | R1 |
|  | (Back-end) |  |  |
| M3 | Integrating views and designs |  | R1 |
|  | (Integrating front-end and |  |  |
|  | back-end) |  |  |
| M4 | Testing for initial release |  | R2 |
| M5 | Issue tracker, user reviews, |  | R2 |
|  | web design integration |  |  |
| M6 | Final release |  | R2 |

**7. Technical Process**

Following would be the languages I would use to develop my application within the stipulated time period:

Front-end development: HTML, CSS, C#.

Back-end development: TSQL, ASP.NET.

For Android app: TBD.