Initial Product Backlog – Project 131

# Description

The main goals of our project are to develop a mobile version of fdlMarks that is easy to read then the current mobile version of the site as well as to refactor the codebase that serves as the backend for fdlMarks. There are two main problems that accomplishing these goals will achieve. The first problem being the poor readability of the current fdlMarks site on mobile, and the second problem being the unmaintainable state that the current backend for fdlMarks is in.

# Definitions

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| **Term** | **Description** |
| fdlMarks | Service that provides information on users marks and course descriptions |
| Course description | A document that contains all of the major details in regard to a given course |
| Course | Something that a user is enrolled in that allows them to learn about things for a specific topic |

# Users

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| --- | --- |
| **User** | **Description** |
| User | A student of federation university that is interested in checking their marks or their course description |
| Maintainer | Someone who is charged with making sure that the code continues to work and fixing any problems that arise |
| Developer | Someone who is charged with making improvements to the code are drastically altering it |

# Product Backlog Items:

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| --- | --- |
| **Requirement** | **Condition of Satisfaction** |
| US1 As a user I want to be able to access fdlMarks on mobile so that I can access my marks without needing to be at a computer | When access the fdlMarks website from a mobile device you are able to login into fdlMarks and be displayed with the mobile version of the site |
| US2 As a user I want to be able to view course descriptions on mobile so that I can see what each course entails | When logged into fdlMarks on mobile you are able to click on course names and view the associated course description |
| US3 As a user I want to be able to view my course marks on mobile so that I can see how I am doing with each of the courses I am enrolled in | When logged into fdlMarks on mobile you are able to view what your marks for various assignments for different classes are |
| US4 As a user I want to be able to see the page load quicker so that I can access fdlMarks quicker | When loading the fdlMarks website the time taken to load the page is less than it currently is |
| US5 As a maintainer I want to be able to read about what each function in the database does so that I can effectively find the pieces of code that I need to alter | When looking at the codebase and viewing a function you are able to find that function in the documentation and the documentation describes what that function does |
| US6 As a maintainer I want to be able to understand what the backend code is doing so that I can effectively maintain it | When looking at the codebase things follow some standard that makes it easier to look and say what actions the code is performing |
| US7 As a developer I want to be able to tell what small section of code are doing without consulting the documentation so that I can save time while altering the code | When looking at the codebase there are comments on short snippets of code describing what that code is doing |
| US8 As a client I want to be able to view what the mobile version of the website will look like so that I can evaluate how appropriate the design is for my goals | There are some design mockups for the website that show what the website will look like and how it will function |
| US9 As a user I want to be able to read the text in different languages so that I can read and understand what the text site says | There is an option that will allow you to change the text displayed on the site into your language of choice |