**Phase 1: Functional Requirements**

**Name of the team**

* Full Stack Wolves

**Members of the team**: Name, Last Name, and York U email address as well as lecture and lab

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| --- | --- | --- | --- | --- |
| NAME | EMAIL ID | SECTION | LAB NUMBER | LAB DAY |
| Beksultan Batyrbekov | [bex0429@my.yorku.ca](mailto:bex0429@my.yorku.ca) | N | 01 | MONDAY |
| Naman Singhal | [naman089@my.yorku.ca](mailto:naman089@my.yorku.ca) | N | 04 | FRIDAY |
| Takhmina Iliiasova | [tosia@my.yorku.ca](mailto:tosia@my.yorku.ca) | N | 04 | FRIDAY |

section of each team member:

**Password Protected Diary with Stock Market Feature and Weather Widget**

Our team chose to build a password protected diary with a stock market app widget and weather widget. A user must first sign into the app to use the diary. Once logged in, the user can create entries in the diary as well as keep watch on the stock market and weather data in real time. The diary entries are stored in the app, and the user can access them anytime as long as they enter the correct password to log in. Using the stock app market, the user can toggle on and off the information about each stock. Using the weather widget user can access the temperature and much more information by clicking on it which will redirect you to weather website. Also, the diary provides the feature to edit or delete the entries by a simple click of a button. Another key feature of this app is that there will be a button that locks the diary and redirects a user to the log in page. Moreover, the program consists of an About Us page which can be used to access information about team members.

***Functional Requirement***

1. *Passwords must be at least 8 characters long.*
2. *Password must contain at least one capital letter and one lower case letter*
3. *Username must be at least 2 characters long.*
4. *Email must be valid.*
5. *While logging in the password and the username must match with what’s in the array(database).*
6. *While creating a new account password field should match the confirm password field.*
7. *Users can create multiple entries on the main page for different work uses.*
8. *The user can watch the weather date and time after logging in.*
9. *Delete items from the entries on the main page.*
10. *Edit items in entries on the main page.*
11. *Clicking on the widget redirects you to the weather website where you can have more information.*
12. *User can access the exchange rate information from the main page if he clicks on the button under the stock market widget.*
13. *About us show the developer LinkedIn page and contact information page.*
14. *Main page contains a log out button that redirects the user to the login page.*
15. *Please note:- We have lot more functional requirements that we can potentially have in our program.*