

**Team Number:** 107-2

**Team Name:** Pentasquad

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**Project Name:** Home Base

**Project features list**

1. Bookmarks - Customizable categories for storing links. You can add any categories that you wish to add and any categories to cover your personal life.
2. Media Section - Section for movies where the user can save the name of a movie they want to see and when clicked in the bookmarks area a summary of the movie will be displayed from IMDB.
3. Calendar Features - Option to select a date to watch a movie (or anything you added) when the user saves the movie into the movie bookmarks area, and the date will be saved to a calendar
4. Login Info - Username and password so you can login in various places, phone computer etc.
5. To Do List - To do list where user save links to assignments and label them with a deadline date and a description provided by the user.
6. Delete Option - Option to delete an item once the user has completed/doesn't want the item from the bookmarks area.
7. Resize Feature - Onclick/Hover the area the user is clicking on will be resized to take up majority of the screen and other areas will become secondary.

**Project Requirements**

**Functional Requirements**

Title: Customizable Sections

Main Success Scenario:

1. User click on an "Add Section" button at the top of the homepage
2. User is prompted with a page to fill out on the section they wish to add
3. User clicks a button on the bottom labeled "Save"
4. The section is added to the website

Title: Enlarging Sections

Main Success Scenario:

1. User clicks on a button at the top of the an area
2. The Area is enlarged on the users screen

Title: Adding Bookmarks

Main Success Scenario:

1. User clicks on the top of the bookmarks area and it is enlarged on their screen
2. User clicks a button at the top of the bookmarks tab which says "Add Bookmarks"
3. User is presented a popup page where they fill out the information about the bookmark
4. User hits a button labeled "Save" at the bottom

5. User is returned to the bookmarks area with the recently added bookmark saved

Title: Removing Bookmarks

Main Success Scenario:

1. User clicks on the top of the bookmarks area and it is enlarged on their screen
2. User clicks a button at the top of the bookmarks tab which says "Delete Bookmarks"
3. User then Selects all bookmarks they want to be removed
4. User hits a button labeled "Delete" at the bottom
5. The bookmarks are removed

## **Non-Functional Requirements**

Title: Login Information

Main Success Scenario

1. User enters a username and password when signing up for the website
2. The username and password is saved to a database
3. User can then login with the username and password

Title: Password Requirements

Main Success Scenario:

1. User enters a username and password they would like to use for the website
2. The password entered is then checked using regex to ensure it has at least 8 characters, one letter, and one number.
  - 2a. If the password meets the requirements, the login information is saved in our database
  - 2b. If the password does not meet the requirements, the user is prompted with the message "The password entered does not meet the requirements. Please ensure the password is at least 8 characters in length and contains one letter and one number." and enters a new password.

Title: Loading User Homepage

Main Success Scenario

1. User logs in with their username and password
2. After login verification, user's login information will be used to search the database for their homepage sections and bookmarks
3. User's saved sections and bookmarks information are found in the database
4. Homepage is loaded for the user with their saved sections and bookmarks

Title: Page Updates

Main Success Scenario:

1. User updates any portion of the website, such as adding a section or bookmark
2. Changes will be saved to the database
3. HTML/Javascript code will be altered to reflect the user changes

4. The website will be refreshed
5. The website is shown with the change reflected

**Project Board:** <https://trello.com/b/R9ozNgvZ/project>