Project Plan

Background

The project deals with a database to help people insert and search for relevant mnemonics. A mnemonic, or memory gadget, is any learning strategy that guides data maintenance in the human memory. Mnemonics make utilization of elaborative encoding, recovery prompts, and symbolism as devices to encode any given data in a way that takes into consideration proficient capacity and recovery. Mnemonics help unique data in getting to be related with something more important—which, thusly, enables the mind to have better maintenance of the data. For example, it can be as simple as a “Knuckle Mnemonic”, it is learned at an early age to remember the number of days in a month for every knuckle representing a month with 31 days. Our project here deals with mnemonics that are specified into various categories by registered users.

Project Plan

Major Milestones

Stage	Date & Status
Project Kick-off	1 August
Milestone 1 Requirements and clear timeline	8 Aug
Milestone 2 Project Progress Report	22 Aug
Milestone 3 Presentation and Demonstration	26 Sep
Completion (Written Report)	3 Oct

Project Team

Role	Name
Product owner	Nare Vellela
Project Lead	Rahul vokerla Rao (300437)
Team Members	Rakesh Tata (300604) Rahul Shokeen (300468) Aman Kathed (301828)

The project should have these functionalities:

- The web application should be easy to use, and the search process be accurate.
- The web application should be available always.
- The web application should be secure with the user details it holds.
- The web applications should be able to maintain the huge dataset and flow of mnemonics.
- The web application's response time for search queries should be less.
- The web application should support all browsers and should function with ease on all platforms.
- The web application should monitor the quality of mnemonics, it should have automated swear control mechanism.
- The web application shall accept registration once a sign up is initiated.
- The web application shall verify the email id for verification of genuine users.
- The web application shall allow users which have successfully verified their email id to log in the portal.
- The web application shall accept mnemonics from registered users.
- The web application shall show mnemonics i.e. take search queries from all who wish to learn.
- The web application shall allow registered users to rate the mnemonics on their like.
- The web application shall allow registered users to favorite a mnemonic they liked.
- The web application shall allow registered users to view their profile, which shows in a nutshell all the mnemonics added, favorites etc.
- The web application shall allow registered users to change their passwords.
- The web application shall allow registered users to use the forgot password feature if they forget their password.
- The web application shall not accept any entry of a mnemonic with a swear word in it.
- When people enter a mnemonic, the web application should also prompt them to specify their organization and, if possible, enter the logo of their organization. So, people might then enter mnemonics to promote their organization.
- The web application should provide users with the categories. They shall initially receive a drop-down menu with about 10 options: Psychology, IT, law, biology, chemistry, or other. If they press "other", they should be prompted to write a category.