ITERATION-1
CSE DASHBOARD- TEAM COSMICSOFT

Team Members:
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Customer demo meeting date and time:
Date: 9th October
Time: 11 AM
Customer feedback: Satisfied
Customer suggestions: Develop functionality first; Styling can be incorporated at a later stage

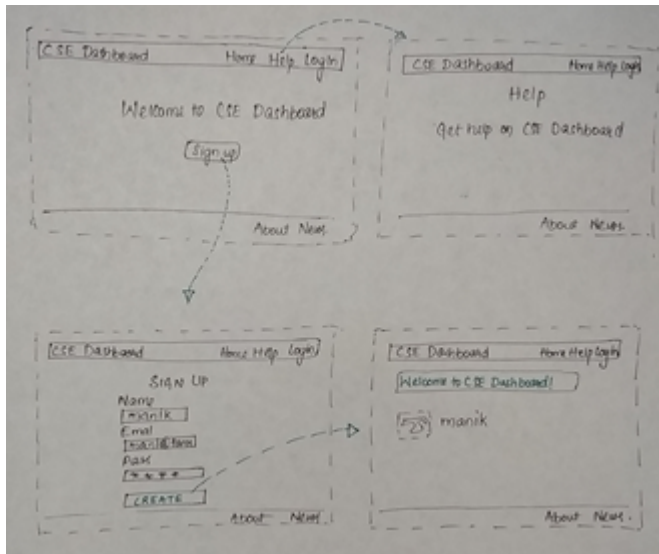**What has been implemented as part of Iteration 1:**
The User stories that have been implemented and the screenshots for the same have been attached below. Specifically, in the first Iteration, we picked up the top 5 User Stories from Pivotal Tracker and aimed at implementing them.

1. The initial code repository was checked in with basic boiler plate code.
2. Static Pages were developed. These include the Home page, Help, About, Contact Pages.
3. The home page was modified to incorporate buttons for creating a User account.
4. The key feature here is that validations on Username, Password, Email ID have been set up.
5. Failure to satisfy these validations results in an error on the Signup page.
6. Bootstrap was used for styling purposes.
7. A nav-bar at the header remains constant across the platform with buttons for Home, Help and Login.
8. A footer also remains constant across the platform.
9. The underlying database is setup for production which for now contains a single table for the users with columns- Id, Name, Email and Password Digest.
10. Bcrypt gem was used for password maintenance. The password is converted to a hex character and stored in the database, thus adding additional security in case the database is compromised.
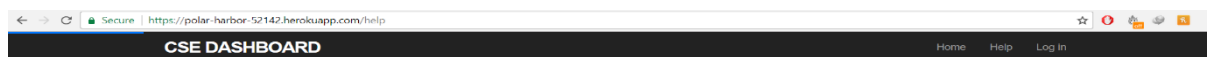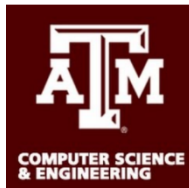11. The User Stories and the design diagram are presented below:

User Stories Implemented:
1. Initialize Repository with Boiler Plate
2. Set up static pages
3. Place Login and Signup buttons on the home page
4. User account Creation Page
5. User account Creation Functionality

Design Diagram

Screenshots of the UI:

CSE DASHBOARD

Home   Help   Log in

Sign up

Name

Email

Password

Confirmation

Create my account

Designed and Developed by Team CosmicSoft

About   Contact   News

The form contains 2 errors.

- Password confirmation doesn't match Password
- Password is too short (minimum is 6 characters)

Name
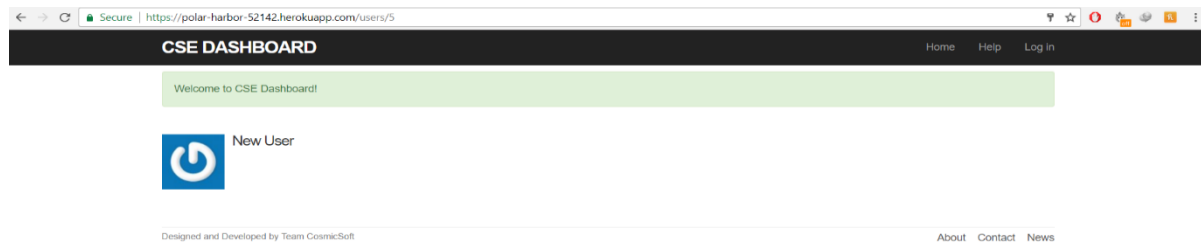
New User

Email

newuser@example.com

Password

Confirmation

Create my account

Test results:
1. 19 tests were written testing 39 different assertions. These are primarily unit tests for validation testing. Stronger feature based tests using Cucumber and Capybara and Rspecs will be incorporated from the next iteration.
2. Checking out the code and running basic command "rails test" will produce the results.

Links:
Pivotal Tracker: https://www.pivotaltracker.com/n/projects/2113486#
Github: https://github.tamu.edu/gskesav/cse-dashboard
Heroku: https://polar-harbor-52142.herokuapp.com/

Plan for Iteration 2:
1. Login page will be setup and a user will be able to sign in to the platform
2. The Post Content Table will be created in the database where a user can post his query which will be stored
3. The UI for the same will be developed.
4. An "is_admin" column will be added in the User table to differentiate a basic user from an administrator and separate redirections will happen for the different users.