Test Plan OpenRead

1) Purpose

   This document describes the plan for testing the web-application OpenRead. This Test Plan document supports the following objectives:

- Identify existing project information and the software that should be tested.
- List the recommended test requirements (high level).
- Recommend and describe the testing strategies to be employed.

2) Scope

   Featured to be tested :

   - Register Account
   - Login
   - Search Story
   - Write Comments
   - Update Comments
   - Rate Story
   - Edit Profile
   - Change Password
   - Write Story
   - Edit Story

3) Roles and Responsibilities

   Project Manager :
   - Manage the whole project
   - Define project directions
   - Acquire appropriate resources
   - Take in charge of quality assurance Check to confirm whether the testing process is meeting specified requirements

   Developer Backend :
   - Implement Test Cases

   Developer Frontend :
   - Ensures that the application is accessible from mobile's browser

4) Test Environment

   - Browser on Desktop
   - Browser on Mobile

5) Function Testing

Function	Register Account
Description	Page of Registering Account whenever a visitor pressed Sign Up. Visitor must input their desired username, email, password, and date of birth.
Success Criteria	>Inputted data is successfully registered on Database >There can be no duplicate email/username registered.

Function	Login
Description	Page of Login whenever a user pressed Login. User must input their username/email and password that they have registered.
Success Criteria	>Authentication is working (When wrong password is entered, it won't direct to the home page of user) >Direct to the homepage with status Logged In as user.

Function	Search Story
Description	Page of searching story that the user/visitor desired.
Success Criteria	>Keyword should be appearing in any of the search result >If keyword doesn't present in any of the story in the database, "No results found" shall appear.

Function	Write Comments
Description	Section of a story where user can writes their comments about the story/chapter.
Success Criteria	>Comment should be registered to the database. >Comment should appear in the story/chapter page.

Function	Update Comments
Description	Section of a story where user can edit their comments about the story/chapter.
Success Criteria	>New comment should be registered to the database. >Old comment should be deleted from the database

	>New Comment should appear in the story/chapter page.

Function	Rate Story
Description	Section of a story where user can rate 1-5 about the story.
Success Criteria	>Rating should be registered to the database. > If the user has rated before, and he/she wished to rate again, the old rating will be deleted and the new rating will be registered from the database. > Rating of the story should change according to the average of the total rating.

Function	Edit Profile
Description	Page of editing profile where user that has logged in can edit change their profile picture, email, and name.
Success Criteria	>New data should be registered in the database. >Old data should be deleted from the database. >If the name is changed, the Hello,(name) from right top section of the page should change immediately.

Function	Change Password
Description	Page of change password where user can change their password
Success Criteria	>Authentication must be valid (Current password must be the same from database) >Current Password is deleted and New Password is registered to the database. >Current Password (Old Password) shouldn't be able to be used again to log in.

Function	Write Story
Description	Page of write story where user can write story
Success Criteria	>Visitor shouldn't be able to write story >Inputed Data is registered correctly to the database (Cover Picture, Title, Genre, Synopsis) >Writer's name is the same as the user's name.

Function	Edit Story
Description	Page of edit story where user can edit the story/chapter.
Success Criteria	>Old content will be deleted and the new content will be registered from the database. >Old content should not be showing up immediately after the page has been refreshed. >New content should show up immediately after the page has been refreshed.