

[Test Plan] Belajar Bareng Onrender

Document Status	[FINAL]
Test Plan Creator	Siti Nur Azizah
Test Plan Reviewer	<ul style="list-style-type: none">• M. Ridhwan K• Candra Oktavianto• Luki R. Daniel

1. Introduction

a. Overview Feature to be tested

The Test Plan has been created to communicate the test approach to team members. It includes the objectives, scope, schedule, risks and approach. This document will clearly identify what the test deliverables will be and what is deemed in and out of scope.

This Test Plan is made to ensure that all features on the belajar-bareng.onrender.com website function properly and meet the criteria according to user needs, specifically focusing on the Login and Add Users management functions.

b. Goals and Objective

The belajar-bareng.onrender.com website includes user management functionalities. The testing team is responsible for validating that the core user management flows (i.e., Login and Add Users) work correctly according to the defined functional and non-functional requirements.

The main objective of this testing phase is to ensure the stability and core functionality of the Login process and the Add Users feature on the belajar-bareng.onrender.com website before wide user release. The stages of testing the features carried out by manual testing (Manual Test) are as follows:

1. Testing the Login page features aims to ensure users do not experience problems when performing the login process. The test scenario is to use a valid username, invalid, stable connection and unstable connection.
2. Testing the Add User
Testing the Add User features aims to ensure that the process of adding new user data is successful and complies with all data validation rules. The test scenarios specifically check:

- Username Uniqueness: Attempting to add a user with an already existing Username.
- Username Data Type: Attempting to input a Username that contains numbers or symbols (must only accept alphabetic characters).
- Age Data Type and Boundary: Attempting to input Age as text or as a negative number (must only accept non-negative numeric values).
- Mandatory Fields: Attempting to submit the form with either the Username or Age field left empty.

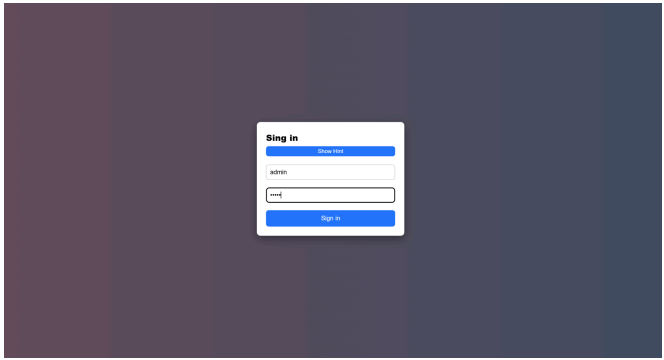
2. Test Item

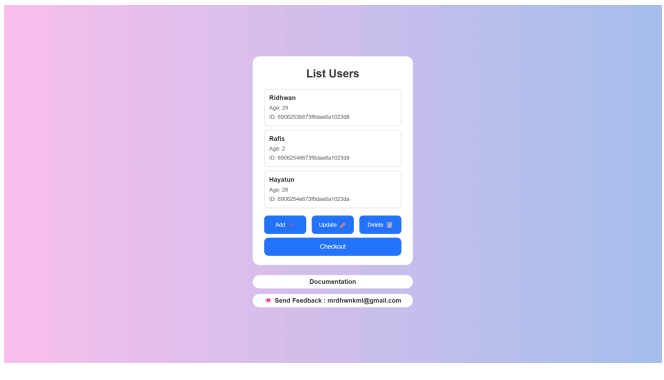
List of test items (feature / product)

No	Feature	Test Item
#1	Login	<ol style="list-style-type: none"> 1. Login with valid credentials 2. Login with invalid credentials 3. <i>Login with user doesn't exist</i>
#2	Add user	<ol style="list-style-type: none"> 1. Add username and age (number) 2. Add username only 3. Add age only

3. In Scope Testing

List of in feature to be tested

No	Feature	Requirement / Design specifications
#1	Login	

#2	Add User	
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4. Out of Scope Testing

List the features of the software / product which will not be tested.

No	Feature	Reasons
#1	Register	This testing phase will be focus to test login feature
#2	Update User	This testing phase will be focus to add user feature
#3	Delete User	This testing phase will be focus to add user feature
#4	Logout	This testing phase will be focus to test login feature

5. Testing Approach

Summary of testing approach that will be implemented during testing phase.

The testing approach for this phase is Manual Functional Testing structured around the scenarios defined in the Test Cases. The primary focus of the testing is to validate every functional requirement for the Login and Add User features, including:

- Functional Validation: Ensuring successful Login with valid/invalid credentials, and that the new user creation process runs according to the flow.
- Data Validation (Negative Testing): Verifying the error handling for conditions such as unique Username, Username containing only alphabetic characters, and Age being a non-negative number, as detailed in the Goals and Objective.

6. Test Environment

Information about testing environment that will be used during testing phase URL, and version of App

- Website: <https://belajar-bareng.onrender.com>
- Windows version: v11
- Android version: v15
- iOS version: v17.1.2
- Env: Production
- Browser: Edge, Chrome, Safari, Samsung Internet

7. Test Deliverables

- a. Test Plan (this document itself):

[<https://docs.google.com/document/d/1BpOnP0N87B8Elm--kYzd2i4pkPgoi49a/edit?usp=sharing&ouid=111251851829946665564&rtpof=true&sd=true>]

- b. Test Case:

[<https://docs.google.com/spreadsheets/d/1KZEmjqPnQpgwNTVMHVcsWKH-cA1sH2WW/edit?usp=sharing&ouid=111251851829946665564&rtpof=true&sd=true>]

8. Testing Timeline

No	Task	Estimation Time		Actual Time	
		Start Date	Finish Date	Start Date	Finish Date
#1	Develop Test Planning	5 Des 2025	5 Des 2025	5 Des 2025	5 Des 2025
#2	Develop Test Case	6 Des 2025	7 Des 2025	5 Des 2025	6 Des 2025
#3	Test Case Review	7 Des 2025	7 Des 2025	7 Des 2025	7 Des 2025
#4	Execute Test	8 Des 2025	8 Des 2025	7 Des 2025	8 Des 2025

9. References

List of related documents:

API Documentation: <https://belajar-bareng.onrender.com/documentation>