

# [Test Plan] Login and Add User Belajar-Bareng

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Document Status	FINAL
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## 1. Introduction

### a. Overview Feature to be tested

This Test Plan is made to verify the functionality, validation rules, and system behaviour for the login and add user features in the Belajar-Bareng website. Testing will be focused on ensuring the mandatory field, unique rules, input constraint, and error-handling mechanism. This document will contain the introduction, scope, environment, and the timeline of the test.

### b. Goals and Objective

The Belajar-Bareng.onrender.com is a simple web-based centralized database for storing the usernames of an organization. As a web-based centralized database there are some requirements for this feature to be considered as passed. The requirements for the login and add features are as follows:

Requirements for the Add User Function:

1. Username and Age are mandatory fields.
2. Username input is text.
3. Age input is a number and age cannot be less than 0.
4. Usernames must be unique (cannot be the same).

Requirements for the Login Function:

1. Username and Password are mandatory fields.
2. If the input is incorrect, an error message appears.

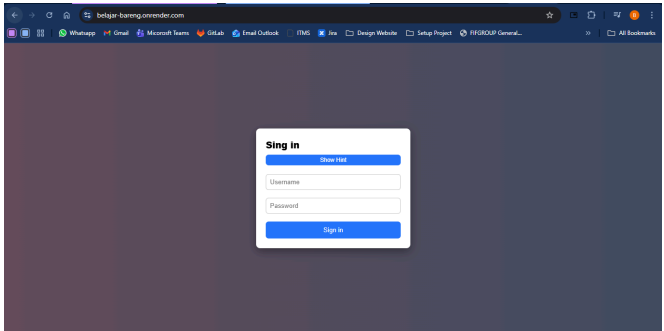
## 2. Test Item

List of test items (feature / product)

No	Feature	Test Item
#1	Login	<ol style="list-style-type: none"> <li>1. Login with valid credentials</li> <li>2. Login with invalid password</li> <li>3. Login with invalid username</li> <li>4. Login with a non-existent user</li> <li>5. Login without fill any fields</li> <li>6. Login with empty username</li> <li>7. Login with empty password</li> </ol>
#2	Add user	<ol style="list-style-type: none"> <li>1. Add user with the correct username and age fields</li> <li>2. Add user with the both fields empty</li> <li>3. Add users with a blank username field</li> <li>4. Add user with a blank age field</li> <li>5. Add user with the correct username and the age is lower than 1</li> <li>6. Try to type the age field using letter and symbol</li> <li>7. Add user with the existing username and test the capslock</li> </ol>

### 3.In Scope Testing

List of in feature to be tested

No	Feature	Requirement / Design specifications
#1	Login	

#2	Add	
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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	Logout	This testing phase will be focus to login and add user
#2	Update	This testing phase will be focus to login and add user
#3	Delete	This testing phase will be focus to login and add user
#4	Checkout	This testing phase will be focus to login and add user

## 5. Testing Approach

The testing process uses functional and usability black box testing methods, where testing is conducted to ensure that features work properly and the system's user interface (UI) is user-friendly. Testers do not know about the internal code structure, so the root cause of any bugs that are found in testing will not be explained in detail and will not be able to provide a code-level solution.

## 6. Test Environment

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

- Website: <https://belajar-bareng.onrender.com/>
- Env: Production
- Browser: Chrome

## 7. Test Deliverables

- a. Test Plan (this document itself):  
<https://docs.google.com/document/d/1tKwOmKBPxSeJlloBuZt1iMXIbGEJ4Q3F/edit?usp=sharing&oid=102396096025358213460&rtpof=true&sd=true>
- b. Test Case:  
<https://docs.google.com/spreadsheets/d/1mVnsnErhOHbPUQeI7kjcupVlfbPay2My/edit?usp=sharing&oid=102396096025358213460&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	02 Dec 2025	02 Dec 2025	02 Dec 2025	02 Dec 2025
#2	Develop Test Case	03 Dec 2025	03 Dec 2025	03 Dec 2025	03 Dec 2025
#3	Execute Test	04 Dec 2025	04 Dec 2025	04 Dec 2025	04 Dec 2025