

# CLUBBY

## Software Test Report

- **Introduction**

### Purpose and Scope

The purpose of this document is to explain the tests we have implemented in our project. This STR generally includes how we do our tests, the results of the tests and the time spent on the tests. The detailed input, expected results and actual results of the aforementioned tests are detailed in the TCD document.

### Descriptions and Abbreviations

<u>STR</u>	<u>Software Test Report</u>
<u>UC</u>	<u>Use Case</u>
<u>TCD</u>	<u>Test Case Definition</u>

- **Descriptions of Test Activities**

- **Document Security**

The confidentiality of this document is very important for the security of the project. Because in this document, the parts of ours that are not currently working and that have deficiencies or bugs are clearly stated. In other words, the weak points of our system can be easily understood. For this reason, this document should not be made accessible to anyone other than course instructors and team members.

- **Data Recording, Reduction and Analysis**

We applied manual tests throughout our project. These tests; In TCs with ready frontend parts, we have implemented the parts that cannot be tested on the browser or are not ready for frontendi testing via the Postman application. We have created multiple modules in multiple projects to reduce the complexity of the project, increase our editing speed, and separate the security of each department (club, user, etc.). In this way, as different team members, we worked in different modules without affecting each other or the working parts of the project and then combined these modules. Each team member who prepares their own section uploads it to GitHub after making sure that that section is running and running the tests.

- **Test Preparation**

- **Hardware Preparation**

You need a hardware to be connected to the internet where the project will be run and have the necessary software.

- **Software Preparation**

We conducted our tests on the Postman application. Each team member carried out the tests of their own section on the backend with different scenarios. In these different scenarios, we considered all possible normal or abnormal situations by thinking like the user.

Thanks to Postman, we viewed and recorded the inputs and results of the tests we conducted in detail. In order to perform the tests again, we recorded our requests and called them again when needed.

- **Other Pre-test Preparations**

The tester of the team designed the TCD document, and information such as expected and actual results were added with the help of the team members who prepared the use case. The aim here is to capture design and user errors in test scenarios. User behavior and possible expectations were discussed in this design. A test scenario was created for each use case, and when that use case was completed, its tests were carried out by both the team member responsible for the module and the tester. The most important point here is that the project is tested before being uploaded to GitHub while it is being developed. In this way, the next sections to be developed make it more consistent and layered. In addition, the tests carried out in the development section increased the accuracy of the final tests and shortened the test times.

- **Test Results**

Use Case Number	Use Case Name	Test Case Description File Name	Retest?	Number of Activity Paths Tested	Number of Non-working Activity Paths	The time spent
1	Register	Testing creating an account.	No	4	0	10
2	Log in	Login test	No	2	0	5
3	Manage clubs	Testing adding / deleting clubs and subclubs	No	5	1	30
4	Send messages	Test sending messages to other members.	No	3	1	10
5	Manage sub-club	Testing for	No	2	0	40

	members	managing sub-club members and handling inappropriate incidents.				
6	Answer survey	Test which clubs and sub-clubs a member can be interested in.	No	5	0	30
7	Manage account	Testing manage accounts.	No	2	0	10
8	Fill a contact form	A contact form filling test.		2	0	15
9	Rate and comment clubs/sub-clubs	Test for evaluating and commenting on clubs / subclubs.	No	4	0	15
10	Search	Searching test.	No	1	0	5
11	Take new club requests	New club requests test.		3	1	10
12	Establish Survey	Surveys, creating and editing survey questions tests.	Yes	6	2	35
13	Manage member accounts	Test for managing member accounts.	No	4	0	20
14	Manage events	Test for managing online and offline activities.	Yes	4	2	30
15	View clubs and sub-clubs	Viewing test for clubs and sub-clubs without registration.	No	2	0	10
	TOTAL			49	7	~5 Hours

Note: Because of we used manuel testing method, time spent is not the exact time of testing. These are approximate values.

- **Criteria for Evaluating Results**

There may be sections where the tests do not completely give the expected conditions. In this case, some criteria can be used to find the true results of the tests. These criteria are defined below.

- I. The verification code required for the new user is not sent by e-mail, but is created. When the user is created through Postman, a verification token is created for the new user. Verification is performed by entering this token on the browser, the user becomes able to benefit from other services of the system.
- II. At least 3 letters must be entered to search. *In addition, Turkish characters should not be used.*

- **References**

- I. Test Case Definition document
- II. Use Case Definition Document
- III. Risk Management Document