

## Test Plan:

### 2.1 Test technique:

- The primary testing methodology used by our team is dynamic V&V or software testing, which involves running the software with test data.
- Using dynamic V&V helps our team discover bugs and malfunctions in the application in a more intuitive way, which allows faster and more reliable delivery of a working software.
- Our team mainly focuses on using Black-box testing(functional testing) method to ensure that the current version of the software meets the core requirements as stated in the requirement analysis and software design documents.
- Our team applies the requirements-based testing approach as an overall testing strategy to guarantee every important use case has a corresponding set of tests..

### 2.2 Test objects:

- The testing will be performed on core functionalities to make sure that they meet the requirements. Performance, usability and security testing, as well as requirement review are out of scope for this testing.
- Functionalities: Login, Create a bot, Configure a bot, Chat with a bot, Group's functionalities.

### 2.3 Environment:

#### 2.3.1 Hardware:

- Personal computer or smart phone with internet connection.
- CPU 2.5 GHz+, 8GB RAM, 100GB+ storage space

#### 2.3.2 Software:

Software Name	Type
Firefox (version 146)	Web Browser
Chrome (version 143)	Web Browser
Edge (version 143)	Web Browser

<b>Software Name</b>	<b>Type</b>
Windows 10	Operating System
Windows 11	Operating System

#### 2.4 Schedule:

<b>Task</b>	<b>Date</b>
Create test plan	18/12/2025
Design test cases	19/12/2025 - 20/12/2025
Execute test cases and evaluate results	21/12/2025 - 22/12/2025