

# Acceptance Testing Plan Qupids Speed Dating

This is the acceptance plan for group 6 project. Acceptance criteria was based on product backlog user stories. The acceptance plan covers functional testing, usability testing, and performance testing. The test cases cover all the actions a user is able to take during the application run time.

## Acceptance Criteria

The acceptance criteria are created based on the project aims, user stories and sprint goals:

- The UI must be available in the following four languages: Finnish, English, Japanese, and Chinese.
- Users must be able to register, log in, and edit their profile with the exception of guest users.
- Admin users must be able to view and delete users and match pairs via the admin pages, which are accessible from the admin profile.
- All participants must be able to select interests from all categories during a matching session.
- The matchmaking algorithm must calculate compatibility between user and rest of the user data in the database based on shared interests.
- The application must prevent crashes and loss of any data during interactions, like switching scenes or choosing UI elements.
- The UI and its elements must be visually consistent across different scenes in the application.
- Changing languages must update the UI without the need to restart the application.
- The flow during the matching session from category selection to match results must be clear and logical.

## Acceptance Tests

The following test cases are to ensure that the project meets the previously mentioned acceptance criteria.

### Functional tests:

Test case	Description	Expected result
Register new user	User registers with name, email, phone, and password	Account is created and persisted in DB
Register guest	User registers with phone number	Temporary guest user is created
Log in	User logs in with valid credentials	User is logged in and ready to start session
Edit profile	Logged user updates their name, phone number, and email	Changes are saved and shown instantly

Admin deletes user	Admin selects a user and confirms delete	User is removed from database
Admin deletes a pair	Admin selects a pair and confirms delete	A pair is removed from database
Select interest in session	User selects interests from all categories	Interests are stored in session
Match generation	Two users with highest number of matching interests are matched	Match is shown with the right compatibility

### Usability Tests:

Test case	Description	Expected result
Language switch	User changes language at the start or from edit profile	All visible UI updates instantly
Navigation Intuitiveness	User tries to move between home, profile, and session views	User does not get lost and path from start to finish is smooth
Profile picture selection	User is shown a distinct animal icon in profile and matching views	Picture loads correctly and is a set image from pool of images

### Performance Tests:

Test case	Description	Expected result
View switching	User navigates quickly between views	Transitions happen without slowdowns or freezing
Match calculation time	Match is generated after session is finished	Results are shown instantaneously
Language load time	Changing language updates the UI	Change happens instantaneously

## Summary

Acceptance testing is completed when all test cases in the acceptance plan are done, the results match the expected outcomes, and the acceptance criteria are fully met. Meaning group 6 project Qupids Speed Dating application is working as intended.