

Acceptance Testing Document

1. Introduction

1.1 Overview

This document outlines the acceptance testing process for our project, StartApp for Start-ups. It aims to ensure that the software meets the specified requirements and is ready for deployment.

1.2 Purpose

The purpose of acceptance testing is to validate that the software functions as intended, meets user expectations, and aligns with the business objectives.

2. Scope

2.1 Inclusion Criteria

Acceptance testing will cover all features and functionalities outlined in the requirements document.

2.2 Exclusion Criteria

Performance testing and security testing are out of the scope of this acceptance testing.

2.3 Features Covered

- 2.3.1 Registering to the website
- 2.3.2 Logging in to the profile
- 2.3.3 Sharing posts
- 2.3.4 Joining different communities
- 2.3.5 As a startup owner, requesting investors to invest
- 2.3.6 As a startup owner, connecting with other startup owners to message each other
- 2.3.7 As startup owner, messaging connections to share experience or collaborate
- 2.3.8 As a startup owner, posting internship/job opportunities at the firm to hire employees
- 2.3.9 As an investor, viewing startups to consider investing
- 2.3.10 As an investor, registering in upcoming events
- 2.3.11 As an investor, connecting with other investors
- 2.3.12 As a job seeker, viewing a list of all open job opportunities
- 2.3.13 As a job seeker, applying to jobs and/or internships

3. Test Strategy

3.1 Testing approach

The acceptance testing will follow a black-box testing approach, focusing on validating the software from the end-users' perspective.

3.2 Test Data

Test data will be generated based on realistic user scenarios and will include both valid and invalid inputs.

4. Testing Environment

Operating System: Windows 11

Browser: Google Chrome, Microsoft Edge

Database: MongoDB

5. Testing, Acceptance Criteria, Test Cases, Output

FEATURE 1:

General user wants to be able to register himself on the portal to login to the website

Success Scenarios

1. If details entered are valid then redirect to the login page.

Failure Scenarios

1. If email/phone is in invalid format prompt invalid email/phone.
2. If the username is already in existence.
3. If email is already in existence.
4. Password do not satisfy minimum criteria.
5. Confirm Password different from Password.

Test Cases:

- Enter details in individual registration, and click on register.
- Enter details in organization registration, and click on register.
- While trying to register, input correct details.
- Try registering with incorrect details.
 - Enter an already existing username or email
 - Enter incorrect email address and/or phone number
 - Enter a password with length less than minimum length
 - Enter a password that does not contain any alphabet/digit/special character
- Check whether the website is redirected to login page after clicking register.

Output:

- Errors are shown in case the entered details are not in proper format or are incorrect.
- Error is shown if the username or email already exists
- Error is shown if email or phone no is incorrect
- Error is shown if password is not in proper format
- Error is shown if any field is empty
- User is redirected to login page if all registration details are entered correctly

This feature meets the acceptance criteria.

FEATURE 2:

A general user wants to be able to login to his profile with different devices to use website's success scenarios.

1. If details(email and password) entered are valid then redirect to the user profile.

Failure Scenarios

1. If email is invalid prompt email does not exist.
2. If the password is incorrect then prompt.

Test Cases:

- Enter details email and password
- Keep email or password blank and try to submit
- Enter non-existent email address
- Enter incorrect password
- Input correct details

Output:

- Error is shown when email does not exist
- Error is shown when password is incorrect
- Error is shown if email or password is blank
- User is redirected to profile page

This feature meets the acceptance criteria.

FEATURE 3

General user wants to share posts (Images/Text) to connect with other users

Success Scenarios

1. Post made should be visible to all the registered users.

Failure Scenarios

1. If the text exceeds a certain limit.
2. Defective file that can harm the portal.

Test Case:

- Create a post, enter the details and submit
- Try to create a post with huge amount of text to check if error shows up
- Post something defective
- After posting, sign in from another account and check if the post is visible

Output:

- Errors are shown if the content is too large or too less
- Post is visible to other users

This feature meets the acceptance criteria.

FEATURE 4

General user wants to chat with different users to connect with like-minded people.

Acceptance Scenario

Success Scenarios

1. Able to chat with other people.

Failure Scenarios

1. Other users block the current user.

Test Cases:

- Sign in as user A and send a connection request to another user
- Sign in as user B and accept A's request
- Send a message from A to B
- Check whether the message is visible to B
- Send message from B to A
- Check whether the message is visible to A
- Remove user A from user B's account
- Check if A is able to chat with B

Outputs:

- Messages are exchanged properly
- User A is not able to chat with B when removed

This feature meets the acceptance criteria.

FEATURE 5

As a general user

I want to block other users

So that I can control who can chat with me.

Success Scenarios

1. Blocked users won't be able to message the current user.

Test Cases:

- Sign in as user A and send a connection request to another user
- Sign in as user B and accept A's request
- Send a message from A to B
- Check whether the message is visible to B
- Send message from B to A
- Check whether the message is visible to A
- Remove user A from user B's account
- Check if A is able to chat with B

Output:

- User A is not able to chat with B when removed

This feature meets the acceptance criteria.

FEATURE 6

General user wants to contact the site owners/maintainers to register complaints.

Success Scenarios

1. Able to mail the owner.

Failure Scenarios

1. Improper internet connection leads to pending complaints
2. Complaint ignored by the owner.

Test Cases:

- Click on the contact us and check whether you are redirected
- Click on report an issue and write an issue
- Click on email us and write an email to the owner
- Wait for certain days for the reply and check whether response comes

Output:

- Contact us page opens
- Report an issue redirect to GitHub issues
- Contact us redirects to mail application in your pc

This feature meets acceptance criteria; however, we have not checked whether complaint is ignored by the owner or not. That will depend on the website's admin when the website is in use.

FEARURE 7

General user wants to edit my profile keep it up-to-date.

Success Scenarios

1. Profile updated successfully

Failure Scenarios

1. Entering invalid details.

Test Cases:

- Click on edit profile and edit some details, submit
- Enter invalid details and submit

Outputs:

- Errors are shown if invalid details are submitted
- Details are updated successfully on submission

This feature meets the acceptance criteria.

FEATURE 8

Startup owner wants to request investors to review their startup ideas to consider investing.

Success Scenarios

1. Idea registered successfully
2. Investor review the idea
3. Startup owner is contacted by the investor.

Failure Scenarios

1. Insufficient details provided for sending request
2. Number of requests limited for free users

Test cases:

- Go to event section
- Select the event that you want to participate into
- Fill in the details of your idea
- Submit the idea
- Try to write invalid details and check if it results in error
- Go to an event for which registrations are ended
- View startups

Outputs:

- Idea gets registered successfully
- If registrations are ended, organizations are able to see startups
- We cannot check if startups are not contacted by investors, as that is their private conversation which can happen through phone, email or website's chat option.
- Idea cannot be shared until correct details are inserted

This feature meets acceptance criteria. But there are no extra limits on free users with respect to paid users, because there is no paid users.

FEATURE 9

Startup owner wants to be able to message my connections to share our experiences and collaborate.

Success Scenarios

1. Messages can be sent to and fro between startup owners
2. Receiver can reply to the message
3. Receiver can forward the message to someone else
4. Multimedia (text/audio/video) can be sent through the chat

Failure Scenarios

1. Empty message cannot be sent
2. Message size limit has been exceeded
3. If multiple messages are sent simultaneously, they are not ordered properly
4. Uploaded media is not of specified format

Test Cases:

- Sign in as user A and send a connection request to another user
- Sign in as user B and accept A's request
- Send a message from A to B

- Check whether the message is visible to B
- Send message from B to A
- Check whether the message is visible to A
- Forward a message
- Tag a message to reply to it
- Try to send an empty message
- Try sending multimedia
- Try sending multiple messages together
- Remove user A from user B's account
- Check if A is able to chat with B

Outputs:

- Messages are exchanged properly
- Message cannot be tagged
- Message cannot be forwarded
- Multimedia files cannot be sent
- Empty message cannot be sent
- User can be removed successfully

Message exchange feature is working properly but forwarding, replying, sending multimedia is not available in this chat option.

FEATURE 10

Startup owner wants to post internship/job opportunities at the firm to hire employees.

Success Scenarios

1. Job details have been posted
2. Job seekers can view the job description
3. Job seekers can apply to the job

Failure Scenarios

1. Job description (location, CTC etc.) not given
2. Number of positions open not specified

Test cases:

- Visit job profile post
- Enter details of the job
- Submit the post
- Log in as individual and try to view the job description
- Apply to the job
- Leave out some details and try to submit a job

Outputs:

- Posted job details can be viewed
- Job seeker is able to view the job description and apply to the job
- Job can't be posted without required details

FEATURE 11

Investor wants see new emerging startups consider investing.

Success Scenarios

1. Able to see and interact with desired startup organizations.
2. Able to see emerging startups curated lists.

Failure Scenarios

1. Startups do not update regularly.
2. Startup already shut down or startup curated list is faulty.

Test Cases:

- Visit events page
- Click on view startups
- View startup ideas

Outputs:

- Startups can be viewed
- Startups are updated properly
- It can't be seen if startup list is faulty

Features meet requirements but we cannot know if startup already shut down or is faulty

FEATURE 12

Investor wants to see registered startups in startup events to understand a startup better and get the best investment.

Success Scenarios

1. Able to enter the event when the event starts.
2. Able to review different startup ideas.

Failure Scenarios.

1. No startup registered for the event.

Test cases

- Visit events page and view events for which registration is ended
- View startup ideas
- View an event where no startups registered

Outputs:

- Startups and their ideas can be viewed properly

This feature meets the success criteria.

FEATURE 13

Investor wants to connect with other investors to strengthen my community bonding.

Success Scenarios

1. Able to see and connect with other investor profiles.

Failure Scenarios.

1. Getting suggestions about investors with different fields of interest.

Test Cases:

- Click on organizations and view profiles
- Sign in as user A and send a connection request to another user
- Sign in as user B and accept A's request
- Send a message from A to B
- Check whether the message is visible to B
- Send message from B to A
- Check whether the message is visible to A
- Remove user A from user B's account
- Check if A is able to chat with B

Outputs:

- Profiles can be viewed successfully
- Messages are exchanged properly
- User A is not able to chat with B when removed

This feature meets the acceptance criteria but it is generalized for organizations, and investors can't be viewed specifically.

FEATURE 14

Job seeker wants to see a list of all open job opportunities to decide which ones he should apply to.

Success Scenarios

1. A list of all companies that match my profile will be displayed to me

Failure Scenarios

1. Hiring for specific job is over.
2. No opening for the user specific skills.

Test cases

- Visit jobs page
- View job descriptions

Outputs:

- There is no filter as no opening for user specific skills, there is no functionality to check if hiring period is over
- Jobs can be visited and descriptions can be viewed

Features meet requirement but "no opening for specific skills", "hiring period is over" are not checked.

FEATURE 15

Job seeker wants to apply for jobs and internships to get hired.

Success Scenarios

1. If my entered details are valid, then my application is considered for review

Failure Scenarios

1. If my entered details are invalid, I am prompted to enter correct details
2. Once submitted, I cannot apply again
3. If I am already employed at the company, I will be rejected

Test Cases:

- Click on apply button in a job
- Submit cover letter
- Try to submit again
- Delete an application
- Try to submit after deletion

Outputs:

- Application can be submitted if you are an individual
- There is nothing as incorrect details because details are drawn from user profile
- After submission, one cannot apply again but can delete application and apply again

Requirements meet acceptance criteria but it is not checked that a person is employed or not .