

Equivalence Classes and Acceptance Testing

❖ Equivalence partitioning for different use cases:

1. Sign in Feature:

- a. Email address:
 - i. E1: Correct
 - ii. E2: Incorrect
 - iii. E3: Empty
- b. Password:
 - i. P1: Correct
 - ii. P2: Incorrect
 - iii. P3: Empty

Email address	Password	Expected outcome	Actual outcome
E2	ANY	Sign in attempt should be unsuccessful	Sign in failed
ANY	P2	Sign in attempt should be unsuccessful	Sign in failed
E3	ANY	Sign in attempt should be unsuccessful	Sign in failed
ANY	P3	Sign in attempt should be unsuccessful	Sign in failed
E1	P1	User should be able to sign in	Sign in successful

2. Sign up Feature:

- a. Full Name:
 - i. N1: Non-empty
 - ii. N2: Empty
- b. Email address:
 - i. E1: Valid
 - ii. E2: Invalid
 - iii. E3: Empty
- c. Password:
 - i. P1: Valid
 - ii. P2: Invalid
 - iii. P3: Empty

Full Name	Email address	Password	Expected outcome	Actual outcome
ANY	E2	ANY	Sign up attempt should be unsuccessful	Sign up failed
ANY	ANY	P2	Sign up attempt should be unsuccessful	Sign up failed
ANY	E3	ANY	Sign up attempt should be unsuccessful	Sign up failed
ANY	ANY	P3	Sign up attempt should be unsuccessful	Sign up failed
N1	E1	P1	User should	Sign up

			be able to sign in	successful
N2	ANY	ANY	Sign up attempt should be unsuccessful	Sign up failed

3. Fill Form:

- a. Form Fill
 - i. FF1: At least 1 question answered
 - ii. FF2: No questions answered

Form Fill	Expected outcome	Actual outcome
FF1	Form submission should be accepted	Form submission is accepted.
FF2	Empty form submission should not be accepted	Form fails to submit

❖ Acceptance Level Testing:

Use case	Test Features	Expected Result	Status
Sign up/ Login	Check if sign up is working properly	If details are valid then user will be able to create an account	Pass
	Try logging in with valid user details	User would be able to Login	Pass
Google Login	Check if google login is working properly	User would be able to login	Not Implemented

Create Form	Login and create a new form.	A new form should be created with a unique link	Pass
Fill Form	Fill an existing form with valid answers	The response is saved.	Pass
Edit Form	Author of the form tries to edit an existing form they created (add/edit/remove)	Form will be modified after changes	Pass
Change profile details	User tries to change his/her profile details	Profile has been changed after changes	Not Implemented
View Responses	The form author tries to fetch responses to a form they created	Author can see the response sheet	Pass
Search Open surveys	Search by keywords from available open surveys	User should be able to search for any open searches	Not Implemented
Use shareable link	Author can share the link to users, so that user can fill the form	Author will get a link to the form	Pass
Restrict users to fill	Author can restrict some users to fill the form (like outside of university)	Author will be able to make the form private and restrict some users.	Not Implemented
Add contributors	Author can add contributors to created form and edit form	Added collaborator can edit the form	Not Implemented