

Test Cases

The test method adopts the black box test, and uses the equivalence class division method to test, the whole website each function one by one classification test. Each feature is tested with expected and actual values to test the difference between the actual and expected functionality. At the same time, each specific test is divided into equivalence classes, and choosing representative data are selected as use case tests.

Login

The test number	Equivalence class that belongs to	Input		The expected results	The actual results
		Account	Password		
1	Effective equivalence class	Mike@gmail.com	12345	Login successful	Login successful
2	Invalid equivalence class	Mike123@gmail.com	12345	Incorrect email	Incorrect email or password
3	Invalid equivalence class	Mike@gmail.com	1	Incorrect password	Incorrect email or password
4	Invalid equivalence class	null	null	Invalid input	Incorrect email or password
5	Invalid equivalence class	Mikegmail.com	12345	The account format is incorrect	The email format is incorrect
6	Invalid equivalence class	Mike@gmail.com	The blank space or \$%^	illegal character	illegal character

Create Project:

The test number	Equivalence class that belongs to	Input					The expected results	The actual results
		organizationName	projectTitle	deliverables	knowledgeSkills	projectDescription		
1	Effective equivalence class	Name1	Title1	X1	SkillX1	XXXX	Project create successfully	Project create successfully
2	Invalid equivalence class	null	Title2	X2	SkillX2	XXXXXXXX	The input information is incomplete	error in MySQL insert
3	Invalid equivalence class	null	null	null	null	null	The input information is incomplete	error in MySQL insert
4	Invalid equivalence class	Name3	null	X3	SkillX3	XXXXXXXXXX	The input information is incomplete	error in MySQL insert

Project Details

The test number	Equivalence class that belongs to	Input	The expected results	The actual results
		id		
1	Effective equivalence class	1	show the details of the project	The project details which id is 1
2	Effective equivalence class	2	show the details of the project	The project details which id is 2
3	Invalid equivalence class	9999999	This project does not exist	Project with ID: undefined not found.
4	Invalid equivalence class	qaazafadvca	Invalid id	Project with ID: undefined not found.

Create New team member

The	Equivalen	Input	The	The
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test number	ce class that belongs to	studentID	familyName	givenName	title	email	gpa	perference	skills	teamName	expected results	actual results
1	Effective equivalence class	123456789	Bowen	Jony	XXXX	Bowen@gmail.com	6	Great	CSS	TreaTeam	Student create successfully	Student create successfully
2	Invalid equivalence class	null	James	Hedan	XXXXXX	James@gmail.com	5	Good	XXXXX	HotTeam	The input information is incomplete	The input information is incomplete
3	Invalid equivalence class	444322343	Knock	null	XX	Knock@gmail.com	7	Great	XXX	TreaTeam	The input information is incomplete	The input information is incomplete
4	Invalid equivalence class	233255343	Jack	Jame	XXs	Jackgmail.com	7	Great	XXX	TreaTeam	The email format is incorrect	The email format is incorrect
5	Invalid equivalence class	asafasd	Curry	Steven	XXXXXX XX	Curry@gmail.com	5	Great	XXXXX XX	HotTeam	Invalid StudentID	Invalid StudentID
6	Invalid equivalence class	123456789	Bowen123	Jony	XXXX	Bowen@gmail.com	6	Great	CSS	TreaTeam	Invalid familyName	Invalid familyName

	ce class										me	me
7	Invalid equivalence class	123456789	Bowen	Jony1234567	XXXX	Bowen@gmail.com	6	Great	CSS	TreaTeam	Invalid givenName	Invalid givenName
8	Invalid equivalence class	123456789	Bowen	Jony	XXXX	Bowen@gmail.com	sdgsgsgsg	Great	CSS	TreaTeam	Invalid gpa	Invalid gpa

Upload the allocation

The test number	Equivalence class that belongs to	Input		The expected results	The actual results
		projectID	teamName		
1	Effective equivalence class	1	TreaTeam	Successful distribution	Allocate successful
2	Effective equivalence class	3	HotTeam	Successful distribution	Allocate successful
3	Invalid equivalence class	adasf	TreaTeam	Invalid projectID	Invalid projectID
4	Invalid equivalence class	4	null	The teamName cannot be null	The teamName cannot be null
5	Invalid equivalence class	99999	TreaTeam	Invalid projectID	Invalid projectID
6	Invalid equivalence class	6	HHHHTeam	Team don't exist	Team don't exist