Blackbox Testing

Web page: Login Page

Operation: Login

Test Case	ID	Password	Expected Output
1	E000001	pass	Redirect to dashboard
2	E000001	password	Error
3	E00001	pass	Error
4	E00001	password	Error

Decision Table:

C1: Empty ID?	Yes	No			
C2: Empty Password?		Yes	No		
C3: Invalid ID?	-	-	Yes	No	
C4: Invalid Password?			-	Yes	No
A1: Successful Login					●
A2: Enter Valid Details	●	●	●	●	

Web Page: Project Dashboard Page

Operation: Create Task

Test-Case	Task Title	Budget	Task Assignee	Deadline	Expected Output
1	Web Development	10000	Elon Musk	30-04-2023	Task Created
2	-	10000	Elon Musk	30-04-2023	Error
3	Web Development	-	Elon Musk	30-04-2023	Error
4	Web Development	10000	-	30-04-2023	Error
5	Web Development	10000	Elon Musk	-	Error
6	Web Development	-1	Elon Musk	30-04-2023	Error
7	Web Development	0	Elon Musk	30-04-2023	Error
8	"Title > 64 char"	10000	Elon Musk	30-04-2023	Error
9	"Title = 65 char"	10000	Elon Musk	30-04-2023	Error

* Test-case 7 & 9 are the boundary condition.

Decision Table:

C1: Empty Task	Yes	No					
C2: Empty Budget		Yes	No				
C3: Empty Assignee			Yes	No			
C4: Empty Password	-			Yes	No		
C5: Invalid Task		-			Yes	No	
C6: Invalid Budget			-			Yes	No
A1: Successful Creation							●
A2: Enter Valid Details	●	●	●	●	●	●	

Web Page: Resource Booking Page

Operation: Request Resource

Test-case	Usage Option	Purpose	Booking from	Booking Till	Expected Output
1	Self-Usage	Web Development	30-04-2023	05-05-2023	Request Sent
2	Team-Usage	Web Development	30-04-2023	05-05-2023	Request Sent
3	Self-Usage	Web Development	30-04-2023	-	Error
4	Team-Usage	Web Development	30-04-2023	-	Error
5	Self-Usage	Web Development	-	05-05-2023	Error
6	Team-Usage	Web Development	-	05-05-2023	Error
7	-	Web Development	30-04-2023	05-05-2023	Error
8	Self-Usage	-	30-04-2023	05-05-2023	Error
9	Team-Usage	-	30-04-2023	05-05-2023	Error

Decision Table:

C1: Empty Purpose	Yes	No		
C2: Empty Booking from	-	Yes	No	
C3: Empty Booking Till		-	Yes	No
A1: Successful Request				●
A2: Enter Valid Details	●	●	●	

Web Page: Create Project

Operation: Create a new project

Test-case	Title	Client	Budget	Description	Team	Deadline	Expected Output
1	Game	Tencent	10000	Tech giant	Stack T1	30-05-2023	Created
2	Game	Tencent	10000	Tech giant	Stack T1	-	Error
3	Game	Tencent	10000	Tech giant	-	30-05-2023	Error
4	Game	Tencent	10000	-	Stack T1	30-05-2023	Error
5	Game	Tencent	-	Tech giant	Stack T1	30-05-2023	Error
6	Game	-	10000	Tech giant	Stack T1	30-05-2023	Error
7	-	Tencent	10000	Tech giant	Stack T1	30-05-2023	Error
8	Game	Tencent	-1	Tech giant	Stack T1	30-05-2023	Error
9	Game	Tencent	0	Tech giant	Stack T1	30-05-2023	Error
10	"title > 64 char"	Tencent	10000	Tech giant	Stack T1	30-05-2023	Error

11	"title = 65 char"	Tencent	10000	Tech giant	Stack T1	30-05-2023	Error
12	Game	"Client >64 char"	10000	Tech giant	Stack T1	30-05-2023	Error
13	Game	"Client = 65 char"	10000	Tech giant	Stack T1	30-05-2023	Error

* Test-case 9,11 & 13 are the boundary condition

Decision Table

C1: Empty Title	Yes	No							
C2: Empty Client	-	Yes	No						
C3: Empty Budget		-	Yes	No					
C4: Empty Description			-	Yes	No				
C5: Empty Team				-	Yes	No			
C6: Empty Deadline					-	Yes	No		
C7: Invalid Title						-	Yes	No	
C8: Invalid Client							-	Yes	No
C9: Invalid Budget								-	Yes	No
A1: Successful Creation										●
A2: Enter Valid Details	●	●	●	●	●	●	●	●	●	

Web Page: Create Team

Operation: Create a new team

Test-case	Name	Manager	Description	Expected Output
1	UI/UX T3	Steve Jobs	Macintosh	Created
2	-	Steve Jobs	Macintosh	Error
3	UI/UX T3	-	Macintosh	Error
4	UI/UX T3	Steve Jobs	-	Error
5	"Name> 64 char"	Steve Jobs	Macintosh	Error
6	"Name = 65 char"	Steve Jobs	Macintosh	Error

* Test-case 6 is the boundary condition.

Decision Table

C1: Empty Name	Yes	No			
C2: Empty Manager	-	Yes	No		
C3: Empty Description		-	Yes	No	
C4: Invalid Name			-	Yes	No
A1: Successful Creation					●
A2: Enter Valid Details	●	●	●	●	

Acceptance Testing

Test-Case	Test Description	Expected Output	Actual Output
1	**Login**	The user should able to login with the credentials.	The user is able to login with the credentials.
2	**Create Project**	The owner should be able to create new project by filling the valid project information.	The owner is able to create the new project by filling the valid project information.
3	**Manage Project**	The Owner and Project Manager should be able to see the dashboard of the project with Manage task, Progress tracking and budget tracking.	The owner and Project Manager are able to see the dashboard of the project with manage task, progress tracking and budget tracking.
4	**Edit Project**	The Owner should be able to edit the Project information and task.	The Owner is able to edit the Project Information and Task.
5	**Mark as Completed**	The Owner should be able to mark the project as done.	The Owner is able to mark the project as done.
6	**Create Task**	The Owner and Project Manager should be able to create new task for the project by filling the valid task information.	The Owner and Project Manager are able to create new task for project by filling the valid task information.
7	**Manage Task**	The Owner and Project Manager should be able to see the in- progress task, review task and complete task.	The owner and project manager are able to see the in-progress task, review task and complete task.
8	**Assign Task**	The Owner and Project Manager should be able to assign the task to employee.	The Owner and Project Manager are able to assign the task to employee.
9	**View Task**	The Employee and Project Manager should be able to view the task assignment.	The Employee and Project Manager is able to view the task assignment.
10	**Submit Task**	The employee should be able to submit the task assignment.	The employee is able to submit the task assignment.
11	**Create Team**	The Owner should be able to create the new team by filling the valid project information.	The Owner is able to create the new team by filling the valid project information.
12	**Manage Team**	The Owner and Project Manager should be able to see the team info., Manage member by adding and removing from team and view ongoing and completed project by the team. The Owner should be able to edit the team information.	The Owner and Project manager are able to see the team info., manage member by adding and removing from team and view ongoing and completed project by the team The owner is able to edit the team information.
13	**Edit Team**	The Owner should be able to edit the team information.	The Owner is able to edit the team information.
14	**View Team**	The Project Manager and Resource Manager should be able to view the team information.	The Project Manager and Resource Manager is able to view the team information.
15	**Add resource**	The Owner and Resource Manager should be able to add the resource and see the available & booked resource and accept or reject the resource request.	The Owner and Resource Manager are able to add the resource and see the available & booked resource and accept or reject the resource request.
16	**View Resource**	The user should be able to view the available resource.	The user is able to view the available resource.

17	**Request Resource**	The Employee and Project Manger should be able to request for available resource.	The Employee and Project Manager are able to request for available resource.
18	**Accept or Reject Resource Request**	The Owner and Resource Manager should be able to accept or reject the resource allocation request.	The owner and Resource Manager are able to accept or reject the resource allocation request.
19	**Progress Tracking**	The Project Manager and Owner should be able to view the Task status and deadline.	The Project Manager and Owner is able to view the task status and deadline.
20	**Budget Tracking**	The Project Manger and Owner should be able to view the Project budget and deadline.	The Project Manager and Owner is able to view the project budget and deadline.