

UE21CS341A - Software Engineering
Test Plan Documentation

Research Paper Management

Team #: 13

PES2UG21CS505	Shreya Mandi	PES2UG21CS542	Srinivaasan NS
PES2UG21CS546	Suhas K	PES2UG21CS532	Soham Sarkar

UT – unit test cases (total - 31) , IT – integration test cases (total - 28)

Test Case ID	Name of Module	Test Case Description	Pre-condition	Test Steps	Test Data	Expected Results	Actual Results	Test Result
IT-01	User login module	To test the login functionality - student matching ID and PWD	Access to Browser	Navigate to website and enter username, password and click submit.	1. ID: PES2UG21CS001 2. Password: pesu@123	Login should be successful and should redirect to the dash board.	Logged in and got redirected to dash board.	Pass
IT-02	User login module	To test the login functionality - student not matching ID and PWD	Access to Browser	Navigate to website and enter username, password and click submit.	1. ID: PES2UG21CS001 2. Password: pu@123	Should give an error saying ID and password does not match.	Error: ID and password do not match	Pass
IT-03	User Login module	To test the login functionality - student not existing ID	Access to Browser	Navigate to website and enter username, password and click submit.	1. ID: PES2UG21CS546 2. Password: pu@123	Should give an error saying ID and password does not match.	Error: ID and password do not match	Pass

UT-01	User Login module	To test the login functionality - student invalid ID	Access to Browser	Navigate to website and enter username, password and click submit.	1. ID: PES2UG 2. Password: pu@123	Should give an error saying ID and password does not match.	Error: ID and password do not match	Pass
IT-04	User login module	To test the login functionality - faculty matching ID and PWD	Access to Browser	Navigate to website and enter username, password and click submit.	1. ID: PESCS001 2. Password: pesadm@123	Login should be successful and should redirect to the dash board.	Logged in and got redirected to dash board.	Pass
IT-05	User login module	To test the login functionality - faculty not matching ID and PWD	Access to Browser	Navigate to website and enter username, password and click submit.	1. ID: PESCS001 2. Password: pu@123	Should give an error saying ID and password does not match.	Error: ID and password do not match	Pass
IT-06	User Login module	To test the login functionality - faculty not existing ID	Access to Browser	Navigate to website and enter username, password and click submit.	1. ID: PESCS432 2. Password: pu@123	Should give an error saying ID and password does not match.	Error: ID and password do not match	Pass
UT-02	User Login module	To test the login functionality - faculty invalid ID	Access to Browser	Navigate to website and enter username, password and click submit.	1. ID: PESEC 2. Password: pu@123	Should give an error saying ID and password does not match.	Error: ID and password do not match	Pass
UT-03	User login module	To test logging in as guest	Access to Browser	Navigate to website and Click on Login as Guest	-	Success message, Redirected to dash board	logged in as guest and redirected to home	Pass

IT-07	User registration module	To test the register functionality - student valid data	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES2UG21CS999 2. Password: Key2pes 3. Type: Student 4. First name: Suhas 5. Last name: K 6. Dept: CSE 7. Sem: 5 8. Sec: I	Successful registration . Should redirect to login page.	Successfully registered, redirected to login page.	Pass
IT-08	User registration module	To test the register functionality - student Invalid data - already existing ID	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES2UG21CS001 2. Password: Key2pes 3. Type: Student 4. First name: Suhas 5. Last name: K 6. Dept: CSE 7. Sem: 5 8. Sec: I	Should throw an error saying already existing ID	Error: ID already exists	Pass
UT-04	User registration module	To test the register functionality - student Invalid data - invalid ID	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES2UG 2. Password: Key2pes32 3. Type: Student 4. First name: Soham 5. Last name: Sarkar 6. Dept: CSE 7. Sem: 5 8. Sec: I	Should throw an error saying invalid ID	Error: Invalid ID	Pass

UT-05	User registration module	To test the register functionality - student Invalid data - invalid ID	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES@\$\$\$\$\$ \$@@ 2. Password: Key2pes32 3. Type: Student 4. First name: Soham 5. Last name: Sarkar 6. Dept: CSE 7. Sem: 5 8. Sec: I	Should throw an error saying invalid ID	Error: Invalid ID	Pass
UT-06	User registration module	To test the register functionality - student Invalid data - password	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES2UG21CS505 2. Password: key 3. Type: Student 4. First name: Soham 5. Last name: Sarkar 6. Dept: CSE 7. Sem: 5 8. Sec: I	Should throw an error saying invalid password, Must be minimum 5 characters	Error: Invalid password, must have min 5 characters	Pass
UT-07	User registration module	To test the register functionality - student Invalid data - First Name	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES2UG21CS505 2. Password: Key2pes 3. Type: Student 4. First name: Soh@m 5. Last name: Sarkar 6. Dept: CSE 7. Sem: 5 8. Sec: I	Should throw an error saying invalid first name, Name must contain only alphabets	Error: Invalid first name, Name must contain only alphabets	Pass

UT-08	User registration module	To test the register functionality - student Invalid data - Last Name	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES2UG21CS505 2. Password: Key2pes 3. Type: Student 4. First name: Soham 5. Last name: Sarkar22 6. Dept: CSE 7. Sem: 5 8. Sec: I	Should throw an error saying invalid last name, Name must contain only alphabets	Error: Invalid last name, Name must contain only alphabets	Pass
UT-09	User registration module	To test the register functionality - student invalid data - semester	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES2UG21CS546 2. Password: Key2pes 3. Type: Student 4. First name: Suhas 5. Last name: K 6. Dept: CSE 7. Sem: 0 8. Sec: I	Should throw an error saying invalid Sem, Semester must be in the range of 1-8	Error: Invalid Sem, Semester must be in the range of 1-8	Pass
IT-09	User registration module	To test the register functionality - student invalid data - semester	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES2UG21CS998 2. Password: Key2pes 3. Type: Student 4. First name: Suhas 5. Last name: K 6. Dept: CSE 7. Sem: 1 8. Sec: I	Successful registration. Should redirect to login page.	Successfully registered, redirected to login page.	Pass

IT-10	User registration module	To test the register functionality - student invalid data - semester	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES2UG21CS997 2. Password: Key2pes 3. Type: Student 4. First name: Suhas 5. Last name: K 6. Dept: CSE 7. Sem: 8 8. Sec: I	Successful registration. Should redirect to login page	Successfully registered, redirected to login page.	Pass
UT-10	User registration module	To test the register functionality - student invalid data - semester	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES2UG21CS546 2. Password: Key2pes 3. Type: Student 4. First name: Suhas 5. Last name: K 6. Dept: CSE 7. Sem: 9 8. Sec: I	Should throw an error saying invalid Sem, Semester must be in the range of 1-8	Error: Invalid Sem, Semester must be in the range of 1-8	Pass
UT-11	User registration module	To test the register functionality - student invalid data - section	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES2UG21CS546 2. Password: Key2pes 3. Type: Student 4. First name: Suhas 5. Last name: K 6. Dept: CSE 7. Sem: 5 8. Sec: @	Should throw an error saying invalid sec, Section must be a single alphabet	Error: invalid sec, Section must be a single alphabet	Pass

UT-12	User registration module	To test the register functionality - student invalid data - section	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES2UG21CS546 2. Password: Key2pes 3. Type: Student 4. First name: Suhas 5. Last name: K 6. Dept: CSE 7. Sem: 5 8. Sec: 4	Should throw an error saying invalid sec, Section must be a single alphabet	Error: invalid sec, Section must be a single alphabet	Pass
UT-13	User registration module	To test the register functionality - student invalid data - section	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES2UG21CS546 2. Password: Key2pes 3. Type: Student 4. First name: Suhas 5. Last name: K 6. Dept: CSE 7. Sem: 5 8. Sec: AA	Should throw an error saying invalid sec, Section must be a single alphabet	Error: invalid sec, Section must be a single alphabet	Pass
IT-11	User registration module	To test the register functionality - faculty valid data	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PESCS999 2. Password: Key2pes 3. Type: Faculty 4. First name: Sudeepa 5. Last name: Roy 6. Dept: CSE 7. Domain: SE	Successful registration. Should redirect to login page.	Successfully registered, redirected to login page.	Pass

IT-12	User registration module	To test the register functionality - faculty invalid data - already existing ID	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PESEC001 2. Password: Key2pes 3. Type: Faculty 4. First name: Sudeepa 5. Last name: Roy 6. Dept: CSE 7. Domain: SE	Should throw an error saying already existing ID	Error: ID already exists	Pass
UT-14	User registration module	To test the register functionality - faculty invalid data - invalid ID	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PESEC 2. Password: Key2pes 3. Type: Faculty 4. First name: Sudeepa 5. Last name: Roy 6. Dept: CSE 7. Domain: SE	Should throw an error saying invalid ID	Error: Invalid ID	Pass
UT-15	User registration module	To test the register functionality - faculty invalid data - invalid ID	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PES#\$%#@ 2. Password: Key2pes32 3. Type: Faculty 4. First name: Sudeepa 5. Last name: Roy 6. Dept: CSE 7. Domain: SE	Should throw an error saying invalid ID	Error: Invalid ID	Pass
UT-16	User registration module	To test the register functionality - faculty invalid data - invalid domain	Access to Browser	Navigate to website and click register. Enter details and submit.	1. ID: PESCS403 2. Password: Key2pes32 3. Type: Faculty 4. First name: Sudeepa	Should throw an error saying invalid domain.	Error: invalid domain, Domain must contain only alphabets	Pass

					5. Last name: Roy 6. Dept: CSE 7. Domain: S9			
IT-13	Dash board module	To test the dashboard - student Project list	Access to Browser, Successful login as student Id: PES2UG21 CS001 Password: pesu@123	Navigate to dash board	-	Should display a list of projects that the student is part of with their titles, Advisors, members, and status	Displays a list of projects that the student is part of with their titles, Advisors, Members, and status.	Pass
IT-14	Dash board module	To test the dashboard - faculty Project list	Access to Browser, Successful login as faculty Id: PESCS001 Password: pesadm@123	Navigate to dash board	-	Should display a list of projects that the faculty is part of with their titles, Advisors, members, and status.	Displays a list of projects that the faculty is part of with their titles, Advisors, Members, and status.	Pass
IT-15	Dash board module	To test the dashboard - guest Project list	Access to Browser, Successful login as guest	Navigate to dash board	-	Should display a list of projects whose status is published with their titles, Advisors, members.	Displays a list of projects whose status is published with their titles, Advisors, Members.	Pass

IT-16	Detailed Project Info Module	To test the detailed project view - student or faculty	Access to Browser, Successful login as student Id: PES2UG21CS001 Password: pesu@123	Navigate to dash board, click on a project	1. Project ID: 4	Should open a new page and display Title, advisors, members, status, Start date, End date, Meetings, And Suggestion.	Displays Title, advisors, members, status, Start date, End date, Meetings, And suggestion s of the project.	Pass
IT-17	Detailed Project Info Module	To test the detailed project view - guest	Access to Browser, Successful login as guest	Navigate to dash board, click on a project	1. Project ID: 4	Should open a new page and display Title, advisors, members, Start date, End date.	Displays Title, advisors, members, Start date, End date of the project.	Pass
IT-18	Create project module	To test creation of a project - valid data With end date	Access to Browser, Successful login as student Id: PES2UG21CS001 Password: pesu@123	Click on create button, enter details, submit.	1. Title: How to detect influential nodes. 2. Status: Ongoing 3. Start Date: 2023-11-05 4. End Date: 2023-12-01 5. faculty IDs: PESCS001 6. student IDs PES2UG21CS001 PES2UG21CS002	Success, project should now appear in the projects list in the dashboard	Saved, project now appears in the project lists.	Pass

IT-19	Create project module	To test creation of a project - valid data Without end date	Access to Browser, Successful login as student Id: PES2UG21CS001 Password: pesu@123	Click on create button, enter details, submit.	1. Title: How to detect influential nodes. 2. Status: Ongoing 3. Start Date: 2023-11-05 4. faculty IDs: PESCS001 5. student IDs PES2UG21CS001 PES2UG21CS002	Success, project should now appear in the projects list in the dashboard	Saved, project now appears in the project lists.	Pass
UT-17	Create project module	To test creation of a project - invalid data - title	Access to Browser, Successful login as student Id: PES2UG21CS001 Password: pesu@123	Click on create button, enter details, submit.	1. Title: How to %etect influenti@l nodes. 2. Status: Ongoing 3. Start Date: 2023-11-05 4. faculty IDs: PESCS001 5. student IDs PES2UG21CS001 PES2UG21CS002	Should throw an error saying invalid title, title must contain only alphabets and numbers	Error: invalid title, title must contain only alphabets and numbers	Pass
UT-18	Create project module	To test creation of a project - invalid data - start date	Access to Browser, Successful login as student Id: PES2UG21CS001 Password: pesu@123	Click on create button, enter details, submit.	1. Title: How to detect influential nodes. 2. Status: Ongoing 3. Start Date: 2024-08-21 4. faculty IDs: PESCS001 5. student IDs PES2UG21CS001 PES2UG21CS002	Should throw an error saying invalid start date, Start Date must be a valid date and should Be before the current time	Error: invalid start date, Start Date must be a valid date and should Be before the current time	Pass

UT-19	Create project module	To test creation of a project - invalid data - end date	Access to Browser, Successful login as student Id: PES2UG21CS001 Password: pesu@123	Click on create button, enter details, submit.	1. Title: How to detect influential nodes. 2. Status: Ongoing 3. Start Date: 2023-11-05 4. End Date: 2022-02-22 5. faculty IDs: PESCS001 6. student IDs PES2UG21CS001 PES2UG21CS002	Should throw an error saying invalid end date, end Date must be a valid date and should Be after the start date	Error: invalid end date, end Date must be a valid date and should Be after the start date	Pass
IT-20	Update project module	To test updation of a project - valid data With all parameters	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21CS001 Password: pesu@123 project Id: 4	Click on update details button, enter details, submit.	1. Title: How to detect influential nodes. 2. Status: Ongoing 3. Start Date: 2023-11-05 4. End Date: 2023-12-01 5. faculty IDs: PESCS001 6. student IDs PES2UG21CS001 PES2UG21CS002	Success, project should be updated with new data in the detailed view of the project.	Saved, updated details now appear in the project details.	Pass
IT-21	Update project module	To test updation of a project - valid data With some parameters	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21	Click on update details button, enter details, submit.	2. Status: Published 4. End Date: 2023-12-05 6. student IDs PES2UG21CS001 PES2UG21CS002 PES2UG21CS003	Success, project should be updated with new data in the detailed view of the project.	Saved, updated details now appear in the project details.	Pass

			CS001 Password: pesu@123 project Id: 4					
UT-20	Update project module	To test updation of a project - invalid data - title	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21 CS001 Password: pesu@123 project Id: 4	Click on update details button, enter details, submit.	1. Title: How to %etect influenti@l nodes.	Should throw an error saying invalid title, title must contain only alphabets and numbers	Error: invalid title, title must contain only alphabets and numbers	Pass
UT-21	Update project module	To test updation of a project - invalid data - start date	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21 CS001 Password: pesu@123 project Id: 4	Click on update details button, enter details, submit.	2. Start Date: 2024-08-21	Should throw an error saying invalid start date, Start Date must be a valid date and should Be before the current time	Error: invalid start date, Start Date must be a valid date and should Be before the current time	Pass

UT-22	Update project module	To test updation of a project - invalid data - end date	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21CS001 Password: pesu@123 project Id: 4	Click on update details button, enter details, submit.	1. End Date: 2022-02-22	Should throw an error saying invalid end date, end Date must be a valid date and should Be after the start date	Error: invalid end date, end Date must be a valid date and should Be after the start date	Pass
IT-22	Delete project module	To test deletion of a project	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21CS001 Password: pesu@123 project Id: 4	Click on delete project button.	-	Success, Project should be removed from the dashboard now.	Success, Project was removed from the dashboard now.	Pass
IT-23	Request Meeting Module	To test making meeting requests for a project - valid data	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21CS001 Password:	Click on request meeting button, enter details, submit.	1. Start time: 2023-12-23 11:00:00 2. End time: 2023-12-23 12:00:00 3. Link: https://meet.google.com/xfo-cmea-wmb 4. Remarks: Work	Success, Meeting should be created with status as 'requested' Under the meeting list.	Success, Meeting created with status as 'requested' Under the meeting list.	Pass

			pesu@123 project Id: 4					
UT-23	Request Meeting Module	To test making meeting requests for a project - invalid data - start time	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21 CS001 Password: pesu@123 project Id: 4	Click on request meeting button, enter details, submit.	1. Start time: 2023-12-23 2. End time: 2023-12-23 12:00:00 3. Link: https://meet.google.com/xfo-cmea-wmb 4. Remarks: Work on code	Should throw an error saying invalid start time, Start time must be a valid timestamp and should Be after the current time	Error: invalid start time, Start time must be a valid timestamp and should Be after the current time	Pass
UT-24	Request Meeting Module	To test making meeting requests for a project - invalid data - start time	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21 CS001 Password: pesu@123 project Id: 4	Click on request meeting button, enter details, submit.	1. Start time: 2023-10-23 11:00:00 2. End time: 2023-12-23 12:00:00 3. Link: https://meet.google.com/xfo-cmea-wmb 4. Remarks: Work on code	Should throw an error saying invalid start time, Start time must be a valid timestamp and should Be after the current time	Error: invalid start time, Start time must be a valid timestamp and should Be after the current time	Pass

UT-25	Request Meeting Module	To test making meeting requests for a project - invalid data - end time	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21 CS001 Password: pesu@123 project Id: 4	Click on request meeting button, enter details, submit.	1. Start time: 2023-12-23 11:00:00 2. End time: 12:00:00 3. Link: https://meet.google.com/xfo-cmea-wmb 4. Remarks: Work on code	Should throw an error saying invalid end time, end time must be a valid timestamp and should Be after the start time	Error: invalid end time, end time must be a valid timestamp and should Be after the start time	Pass
UT-26	Request Meeting Module	To test making meeting requests for a project - invalid data - end time	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21 CS001 Password: pesu@123 project Id: 4	Click on request meeting button, enter details, submit.	1. Start time: 2023-12-23 11:00:00 2. End time: 2023-09-23 12:00:00 3. Link: https://meet.google.com/xfo-cmea-wmb 4. Remarks: Work on code	Should throw an error saying invalid end time, end time must be a valid timestamp and should Be after the start time	Error: invalid end time, end time must be a valid timestamp and should Be after the start time	Pass
UT-27	Request Meeting Module	To test making meeting requests for a project - invalid data - link	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21 CS001 Password:	Click on request meeting button, enter details, submit.	1. Start time: 2023-12-23 11:00:00 2. End time: 2023-09-23 12:00:00 3. Link: gmeet website 4. Remarks: Work	Should throw an error saying invalid link Link must be a valid meet link	Error: invalid link Link must be a valid meet link	Pass

			pesu@123 project Id: 4					
IT-24	Request Meeting Module	To test accepting a meeting request	Access to Browser, Successful login as faculty, entered detailed view of project. Id: PESCS001 Password: pesadm@123 project Id: 4	Click on Accept request meeting button on any meeting request enter details, submit.	-	Success message, Meeting should appear in the meetings list as accepted	Saved, Meeting now appears in the meeting list with status accepted	Pass
IT-25	Request Meeting Module	To test reject a meeting request	Access to Browser, Successful login as faculty, entered detailed view of project. Id: PESCS001 Password: pesadm@123 project Id: 4	Click on Reject request meeting button on any meeting request enter details, submit.	-	Success message, Meeting should appear in the meetings list as rejected	Saved, Meeting now appears in the meeting list with status rejected	Pass

IT-26	Update Meeting Module	To test updating meetings for a project - valid data With all parameters	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21CS001 Password: pesu@123 project Id: 4	Click on update meeting button, enter details, submit.	1. Start time: 2023-12-23 11:00:00 2. End time: 2023-12-23 12:00:00 3. Link: https://meet.google.com/xfo-cmea-woa 4. Remarks: made some changes	Success, Meeting should be updated with status as 'requested' Under the meeting list.	Success, Meeting updated with status as 'requested' Under the meeting list.	Pass
IT-27	Update Meeting Module	To test updating meetings for a project - valid data With some parameters	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21CS001 Password: pesu@123 project Id: 4	Click on update meeting button, enter details, submit.	1. Start time: 2023-12-23 10:00:00 2. Remarks: nil	Success, Meeting should be updated with status as 'requested' Under the meeting list.	Success, Meeting updated with status as 'requested' Under the meeting list.	Pass
UT-28	Update Meeting Module	To test updating meetings for a project - invalid data - start time	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21CS001 Password:	Click on update meeting button, enter details, submit.	1. Start time: 2023-12-23	Should throw an error saying invalid start time, Start time must be a valid timestamp and should Be after the current	Error: invalid start time, Start time must be a valid timestamp and should Be after the current time	Pass

			pesu@123 project Id: 4			time		
UT-29	Update Meeting Module	To test updating meetings for a project - invalid data - end time	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21 CS001 Password: pesu@123 project Id: 4	Click on update meeting button, enter details, submit.	1. end time: 10:00:00	Should throw an error saying invalid end time, end time must be a valid timestamp and should Be after the start time	Error: invalid end time, end time must be a valid timestamp and should Be after the start time	Pass
UT-30	Update Meeting Module	To test updating meetings for a project - invalid data - link	Access to Browser, Successful login as student, entered detailed view of project. Id: PES2UG21 CS001 Password: pesu@123 project Id: 4	Click on update meeting button, enter details, submit.	1. link: Gmeet website	Should throw an error saying invalid link Link must be a valid meet link	Error: invalid link Link must be a valid meet link	Pass
IT-28	Suggesti on module	To test making suggestions for a project	Access to Browser, Successful login as student, entered detailed view of project.	Click on make suggestion button, enter details, submit.	1. suggestion: Change the font size to 16	Success, Suggestion should be seen in the suggestion list in the project view.	Success, suggestion can be seen in the suggestion list in the project view	Pass

			Id: PES2UG21 CS001 Password: pesu@123 project Id: 4					
UT-31	view contact module	To test contact details	Access to Browser, Successful login as Guest	Click on contact detail	-	Should show contact details	Shows contact details	Pass