

System Test Plan – SMP Project

Developed by: Aishwary Sharma, Sarthak Daksh, Mohit Sharma, Vishesh Jain,
Shreya Bhatia, Pankaj Jalote

This is the test plan for end-to-end system testing of the SMP application. This plan is to be executed manually. In the final testing, many more test cases were executed, and some of them may have been omitted, if found unnecessary at the testing time.

(This test plan was also used for recording test results – for that a column was added at the end “Result”, where the result of testing was noted.)

Module being tested	Condition being tested	Inputs	Expected Outputs	Comments
User Authentication Screen	Login Options	- Click on "Mentor" button	Redirect to Mentor login page	- Verify redirection to Mentor login page
		- Click on "Mentee" button	Redirect to Mentee login page	- Verify redirection to Mentee login page
		- Click on "Admin" button	Redirect to Admin login page	- Verify redirection to Admin login page
	Admin logging as Mentor or Mentee	Click on Mentor or Mentee button	Show unauthorised user and redirect to login page	-verify user details
	Mentor logging as Admin or Mentee	Click on Admin or Mentee button	Show unauthorised user and redirect to login page	-verify user details

	Mentee logging as Mentor or Admin	Click on Mentor or Admin button	Show unauthorised user and redirect to login page	-verify user details
	User Authentication Fields	- Enter valid mentor credentials	Authenticate Mentor user and redirect to Mentor dashboard	- Verify successful authentication and redirection to Mentor dashboard
		- Enter valid Mentee credentials	Authenticate Mentee user and redirect to Mentee dashboard	- Verify successful authentication and redirection to Mentee dashboard
		- Enter valid Admin credentials	Authenticate Admin user and redirect to Admin dashboard	- Verify successful authentication and redirection to Admin dashboard
Welcome Screen (Mentor)	New User Application	- New user before deadline	Display mentorship application form	- Verify display of mentorship application form
		- New user after deadline	Display message indicating deadline is over	- Verify display of deadline over message
	Existing User	- Existing user before deadline and application form filled	Display Application form submitted	- Verify display of mentorship application forms

		Existing user after deadline and application form filled	Display Application Being reviewed	- Verify the user application status
		- New user application rejected	Display message indicating application rejected	- Verify display of rejected application message
	Admin Approved (Consent Form sent)	- Admin approved mentor user	Redirect to Consent Form page	- Verify redirection to Consent Form page
	Admin non selected user	-Existing user login when consent from on	- display not approved as a Mentor	-Check status of the application
Dashboard (Mentor)	Mentor's Profile	- Mentor profile with assigned mentees	Display mentor's profile with assigned mentees	- Verify display of mentor's profile with assigned mentees
		- Mentor profile without assigned mentees	Display mentor's profile without assigned mentees	- Verify display of mentor's profile without assigned mentees
Meeting Schedule (Mentor)	Display Meeting page	- Mentor has scheduled meetings and part of Admin Meetings	Display list of previous and upcoming meetings	- Verify display of previous and upcoming meetings for the mentor

		- Mentor has no scheduled meetings	Display message indicating no scheduled meetings	- Verify display of message indicating no scheduled meetings
	Add Meeting Button	- Click on "Add Meeting" button	show Schedule Meeting popup	- Verify redirection to Schedule Meeting page
Meeting Details (Mentor)	Meeting Details	- Click on a specific meeting	Display details of the selected meeting	- Verify display of details for the selected meeting
	Meeting scheduled by them	Click on specific Meeting	Show Edit, Mark Attendance, delete, view Attendance buttons	-verify meeting details
	Meeting not scheduled by them	Click on specific Meeting	Show View Attendance button	-verify meeting details
	Update Meeting Details (if scheduled by them)	- Update meeting details and save changes	Update meeting details and show success message	- Verify successful update of meeting details and display of success message
	Mark Attendance (if scheduled by them)	- Mark attendance for meeting	Mark attendance for meeting and show success message	- Verify successful marking of attendance and display of success message

Schedule Meeting (Mentor)	Date and Time Selection	- Select date and time for meeting	Select date and time for meeting and proceed	- Verify successful selection of date and time for meeting and proceed
	Date and Time Selection (clashing date and time)	Select date and time	Show error message after saving	-verify meeting details
	Participants Selection	- Select atleast one participants for the meeting	Successful participants selection	- Verify successful selection of participants for the meeting and proceed
Navigation Bar (Mentor)	Navigation Bar	- Click on "Meetings" link	Redirect to Meetings page	- Verify redirection to Meetings page
		- Click on "Log Out" link	Logout the user and redirect to User Authentication Screen	- Verify logging out and redirection to User Authentication Screen
Dashboard (Mentee)	Mentee's Profile	- Mentee profile with the assigned mentor	Display mentee's profile with assigned mentor	- Verify display of mentee's profile with assigned mentor
		- Mentee profile without assigned mentor	Display mentee's profile without assigned mentor	- Verify display of mentee's profile without assigned mentor

Navigation Bar (Mentee)	Navigation Bar	- Click on "Meetings" link	Redirect to Meetings page	- Verify redirection to Meetings page
		- Click on "Feedback Form" link	Redirect to Feedback Form page	- Verify redirection to Feedback Form page
		- Click on "Profile" link	Redirect to Profile page	- Verify redirection to Profile page
		- Click on "Log Out" link	Logout the user and redirect to User Authentication Screen	- Verify logging out and redirection to User Authentication Screen
Meeting Schedule (Mentee)	Previous and Upcoming Meetings	- Mentee has scheduled meetings	Display list of previous and upcoming meetings	- Verify display of previous and upcoming meetings for the mentee
		- Mentee has no scheduled meetings	Display message indicating no scheduled meetings	- Verify display of message indicating no scheduled meetings
	View Attendance	-Select Meeting and click on the View Attendance button	Attendance of mentees marked by the mentor for that meeting.	-Verify display of attendance.

Feedback Form Page (Mentee)	Feedback Form with Questions (when the form is on)	- Fill out feedback form and submit	Submit feedback form and show success message	- Verify successful submission of feedback form and display of success message
	When the form is off		Message displaying the form status	-Verify display of message
Dashboard (Admin)	Admin's Profile	- Admin profile	Display admin's profile	- Verify display of admin's profile
	Navigation Bar	- Click on "Mentee List" link	Redirect to Mentee List page	- Verify redirection to Mentee List page
		- Click on "Mentor List" link	Redirect to Mentor List page	- Verify redirection to Mentor List page
		- Click on "Meetings" link	Redirect to Meetings page	- Verify redirection to Meetings page
		- Click on "Forms" link	Redirect to Forms page	- Verify redirection to Forms page
		- Click on "Profile" link	Redirect to Profile page	- Verify redirection to Profile page

		- Click on "Log Out" link	Logout the user and redirect to User Authentication Screen	- Verify logging out and redirection to User Authentication Screen
Mentees List Page (Admin)	Search Bar	- Search for mentee	Display search results for mentee	- Verify display of search results for mentee
	Filter	-Click on "All Department" filter dropdown and select department	Display filtered results for mentee	-Verify display of filtered results for mentee
	Add Mentee	- Click on "Add Mentee" button and enter details of new mentee	Add new mentee and show success/error message	- Verify successful addition of new mentee and display of success message
	Remove/Delete Mentee	- Click on dustbin/delete icon	Remove/Delete mentee and show success message	- Verify successful removal/deletion of mentee and display of success message
	Change Mentor	-Click on "Change Mentor" in front of particular mentee. Enter current mentor and new mentor roll number	Change the mentor (if new exist) with the success/error message.	-Verify successful change of mentor with success/error message.

	Upload New CSV	- Click on "Upload New CSV" button	Upload CSV file and replace the current mentee data with new mentee data and show success message	- Verify successful upload of CSV file and updated mentee data and display of success message
	Download Mentor Mentee Pairing CSV	- Click on "Download Mentor-Mentee Pairings" button	Download CSV file with mentor-mentee pairing data locally and initiate the download	- Verify initiation and completion of download for CSV file
	Mentee Profile (Clickable button)	- Click on a mentee's name in the list.	Open modal with the mentee and their mentor's details	- Verify the successful display of details



Module being tested	Condition being tested	Inputs	Expected Outputs	Comments
Mentor List Page (Admin)	Search Bar	- Search for mentor	Display search results for mentor	- Verify display of search results for mentor
	Filter	-Click on any filter dropdown and select filter	Display filtered results for mentor	-Verify display of filtered results for mentor

	Add Mentor	- Click on "Add Mentor" button and enter details of new mentor	Add new mentor and show success/error message	- Verify successful addition of new mentor and display of success message
	Remove/Delete Mentor	- Click on dustbin/delete icon	Remove/Delete mentor and show success message	- Verify successful removal/deletion of mentor and display of success message
	Download Mentor Mentee Pairing CSV	- Click on "Download Mentor-Mentee Pairings" button	Download CSV file with mentor-mentee pairing data locally and initiate the download	- Verify initiation and completion of download for CSV file
	Download Mentor Images	- Click on "Download Mentor Images" button	Download zip file with images of all mentors and CSV files with details and path of image.	- Verify initiation and completion of download for zip file.
	Mentor Profile (Clickable button)	- Click on a mentor's name in the list.	Open modal with the mentor and their mentees' details	- Verify the successful display of details
Meeting Schedule (Admin)	List of Admin Meetings (Previous/Up coming)	-Click on "Meetings" button in Navbar. Select "Admin Meetings" in toggle button.	Display list of scheduled meetings of admin	- Verify display of scheduled meetings for the admin

	Individual Mentor Meeting	Type roll number of an individual Mentor	Display Previous and upcoming meeting (If scheduled)	-check valid mentor Roll number
	Show Mentors Meeting	Select on Mentor Meetings Button	Display Previous and upcoming meeting (If scheduled)	-check valid mentor Roll number
	Schedule Meeting Button	- Click on "Schedule Meeting" button	show Schedule Meeting pop up	- Verify redirection to Schedule Meeting page upon clicking "Schedule Meeting" button
	Meeting Details	- Click on a specific meeting	Display details of the selected meeting	- Verify display of details for the selected meeting
	Meeting Details (scheduled by Admin)	Click on specific Meeting	Display edit, delete, View Attendance and take Attendance button	- Verify meeting details
	Meeting Details (scheduled by Mentor)	Click on specific Meeting	Display View Attendance	- Verify meeting details
	Mark Attendance (if scheduled by them)	- Mark attendance for meeting	Mark attendance for meeting and show success message	- Verify successful marking of attendance and display of success message

Schedule Meeting (Admin)	Date and Time Selection	- Select date and time for meeting	Select date and time for meeting and proceed	- Verify successful selection of date and time for meeting and proceed
	Meeting Details	- Fill in all meeting details and participants	Save meeting details and participants and show success message	- Verify successful saving of meeting details and participants and display of success message
	Branch Selection	- Select at least one branch for the meeting (Mentor or Mentee)	Show blue tick on branch	- Verify successful selection of participants for the meeting and proceed
	Scheduling a meeting	- missout at least one information and click on send Invite	-show a warning message to fill out all the details	-verify all the meeting details filled or not
Forms (Admin)	Forms List	-Forms list	List of forms, their status and "View Responses" button.	-Verify successful display of list of forms.
	Form Status Toggle	-Toggle button for turning form on/off	Turn on/off form	-Verify successful change of form status

	Responses	- Click on "View Responses" for any form.	Redirect to Form Response Page with responses for the selected form	- Verify redirection to Form Response Page with responses for the selected form
	Search and Filters/Sort options	- Search and filter/sort for specific responses	Display search and filtered results for specific responses	- Verify the display of searched and filtered results for specific responses
	Checkbox selection	- Select specific responses using checkboxes	Highlight selected responses for further action	- Verify highlighting of selected responses
	Send Consent Form Button (Enrollment Form)	- Click on "Send Consent Form" button for selected students	Opens a email draft to edit and send email to selected student and enable consent form for them.	- Verify display of modal.
	Mentor-Mentee Mapping Button (Consent Form)	- Click on "Mentor-Mentee Mapping" button	Initialize mentor-mentee mapping process with selected mentors and opens a email draft to edit and send email	- Verify successful initialization of mentor-mentee mapping process with selected mentors and display of success message

	Send Email	Edit and click on send email.	Send an email of consent form/mentor mentee mapping to the selected students. Show success message	-Verify successful sending of mail and completing the process with success message.
	Excellence Award List	Click on "Excellence Award List" button	Opens a modal with list of mentors and their details.	-Verify successful display of mentor details
		Search for a mentor	Display searched mentor	-Verify display of searched mentor
		Select mentors using "checkbox" and click "Save" or "Save and Download"	-Save the status of the excellence award, send emails to the students and download(if clicked) the list in CSV format with selected mentor's details.	-Verify successful saving, mail sending and downloading of csv with success/error message.