

Full System Testing

This document contains a list of tests that test the overall MUNSN product in its ability to satisfy the feature requirements outlined in the project description.

Status Table

The following table describes what each status value for each test step means.

Status	Description
0	Working
1	Not Working
2	Partially working

Create Account

Step	Description	Expected Result	Status
1	User accesses login page	Login page and prompt displayed	0
2	User presses “Register”	Login prompt changes to register prompt	0
3	User enters personal information	Text is added to the boxes	0
3a	User uploads profile picture	Window for uploading picture is available	0
3b	Store the profile picture with the correct name	Picture stored under user ID in profile images	0
4	User clicks submits	Data is sent to backend	0
5	Add new unauthorized user to user collection	New unauthorized user item added to user collection	0
6	Add new unauthorized auth object to auth collection	New object added to auth collection with auth status false	0

7	Send a confirmation email to the corresponding email	Email received by email address	0
8	User clicks on link in email	User is brought to portal page	0
9	Remove auth object from the auth table	Auth object removed	0
10	Update user auth status to true	User auth status set to true	0

Variations

Link expires - Refresh timer on auth link and resend confirmation email

Profile picture invalid type - Reject upload and inform user

Modify Profile

Step	Description	Expected Result	Status
1	User clicks edit profile	Brought to edit page	1
2	FT-T001: Image Upload	Profile image changed	0
3			
4			
5			
6			

View Profile

Step	Description	Expected Result	Status
1	User clicks profile picture	Profile page shown corresponding to user that owns the picture	0
2	Visible posts are loaded	Posts shown	0
3	User can post depending on user settings P-T001: Post Creation	Post created	0

4	User can modify post depending on user settings P-T001: Post Modification	Post modified	1
5	User can delete post depending on user settings P-T003: Post Deletion	Post deleted	0
6	C-T001: Create Comment	Comment created	0
7	C-T002: Find Comments	Comments displayed	0
8	C-T003: Delete Comment	Comment deleted	0
9	C-T004: Update Comment	Comment modified	1

Variations

User Searches for user by ID - Database searched for user corresponding to ID

User clicks profile picture from generic page - Link is embedded and will bring the user to that profile

Post Visibility - Posts are set to viewable only by profile owner and are invisible

Post Visibility - Posts are set to viewable only by profile owner and friends and are invisible

Add Friend

Step	Description	Expected Result	Status
1	View Profile	Profile shown	0
2	User clicks Add Friend	Request made to database to make new friendship request	0
3	FR-T001: Add New Friend Request	Request sent to recipient user. Pending request stored for sending user	0
4	FM-T001: Friendship Creation	Friendship created	0

Variation

Recipient Rejects Friend Request

Sender cancels friend request

Suggest Friend

Step	Description	Expected Result	Status
1	FM-T003: Suggest Friends List Creation	List compiled	0
2	User loads portal page	Portal page shown	0
3	Request to database for suggest friends list	Request received	0
4	Find suggested friends list	Suggested friends list found	0
5	Send list	List received	0
6	Parse the list	List parsed	0
7	Load the list into suggested friends box	Friend displayed on sidebar	0

Search For User

Step	Description	Expected Result	Status
1	User enters text into search bar	Text stored in textfield	0
2	User clicks search button	Add loading gif and then show	0
3	Call API for search	/api/search/ is called using the provided value	0
4	Call DB for search	DB.Search.search is called using request body	0
5	Return the JSON for HJS	JSON returned	0
6	Display JSON content	JSON organized into categories and displayed	0

Logout

Step	Description	Expected Result	Status
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1	User clicks logout button	Click registered by client-side	0
2	Call logout function in API	Function called	0
3	Remove session key from session table	Session key removed from table	0
4	Return user to login page	Returned to login page; page shown	0

Create Group

Step	Description	Expected Result	Status
1	User accesses the sidebar	Sidebar accessed	0
2	User clicks sidebar option to “create group”	Click registered	0
3	Bring up group creation popup	Popup displayed	0
4	User enters information in text fields	Text entered	0
5	User clicks submit	Clientside transmits JSON object containing group information	0
6	GM-T001: Group Creation	Group created	0

View Resume

Step	Description	Expected Result	Status
1	User clicks resume on profile page	Resume displayed	0
2	Cycle through each page	Page shown	0

Variations

User is a friend of the user - The resume is displayed

User is not a friend of the user - The resume is not displayed

The user is a guest - The resume is not displayed

Upload Resume

Step	Description	Expected Result	Status
1	View Profile (own)	Page shown	0
2	User clicks Resume	User brought to resume page	0
3	User clicks Select	File upload window visible	0
4	User clicks Upload	File uploaded to database	0

Modify Schedule

Step	Description	Expected Result	Status
1	User enters schedule page	Schedule loaded; Options to add new event available	0
2	User enters Title	Text field modified	0
3	User enters description	Text field modified	0
4	User enters start date	Text field modified	0
5	User enters end date	Text field modified	0
6	User enters frequency	Box ticked	0
7	User enters the Day	Box ticked	0
8	User enters the Month	Box ticked	0
9	User enters Until Time	Field modified	0
10	User clicks Add	Item added to calendar	0
11	User clicks submit	Changes made	0

Modify Group

Step	Description	Expected Result	Status
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1	User clicks Group name	User brought to Group page	
2	User Clicks Edit group	Settings list for group displayed	
3	User modifies group member status to admin	User promoted to admin	
4	User modifies admin's status to user	Admin reduced to user	
5	User deletes group member	Member no longer included in group listing	
6	User changes group name	Name changed	

Make Post

Step	Description	Expected Result	Status
1	User accesses a portal page or profile page	Portal page or profile page shown	0
2	User selects text field	Text field selected	0
3	User enters text	Text displayed	0
4	User clicks post	Post is stored in the database and is associated with the container (profile or portal)	0

Polls

Step	Description	Expected Result	Status
1	User selects post	Options made available	
2	User clicks add poll	Post window changes to allow creation of new poll options	
3	User adds poll options	Options made available	

4	User posts the poll	Poll is posted	
5	Users answer poll options	Poll responses stored and displayed in refreshed poll post	

Login

Step	Description	Expected Result	Status
1	User enters credentials	Credentials stored in text field	0
2	User clicks login	Credentials checked in database	0
3	If credential pair exists:	Portal page loaded. User has active session in session table.	0
4	If credential pair does not exist	User is notified and not logged in.	0

Modify Account

Step	Description	Expected Result	Status
1	User enters account page	Account page displayed	1
2	User modifies password	Password changed	

Instant Messenger

Step	Description	Expected Result	Status
1	User opens chat box	Chat box open	
2	User selects recipient user	Chat window corresponding to user is	

	from option list	displayed	
3	User types message into text field	Message stored in text field	
4	User clicks send	Text is saved in database for both users and chats are refreshed	