Use Case ID:	01		
Use Case Name:	Sign-up		
Created By:	Rajagopal Iyer	Last Updated By:	Rajagopal Iyer
Date Created:	5th February '22	Date Last Updated:	5th February '22

Actor:	Student User (Initiating Actor)
Description:	The user must sign-up and create an account to use the application.
Preconditions:	1. The user must not have an account
Postconditions:	A pop-up message will be shown which indicates that the user has successfully registered.
Priority:	High
Frequency of Use:	Whenever a user uses the application for the first time. Once during the lifetime of a user.
Flow of Events:	1. The user opens the application
	2. The user clicks the 'Register' button
	3. The user enters all the requested personal information and clicks the 'Submit' button.
	4. The input data is verified by the system.
	5. If the input data is valid, the application is redirected to the homepage and a pop-up is shown which indicates successful creation of an account.

Alternative Flows:	AF-S5 1. The input data is invalid. 2. The system indicates that invalid information has been input by the user and prompts him/her to enter valid information again. 3. Return to Step 3.
Exceptions:	If the user doesn't enter all the mandatory information, the application notifies the user to do so in order to successfully create an account.
Includes:	--
Special Requirements:	--
Assumptions:	--
Notes and Issues:	--

Use Case ID:	02		
Use Case Name:	Login		
Created By:	Rajagopal Iyer	Last Updated By:	Rajagopal Iyer
Date Created:	5th February '22	Date Last Updated:	5th February '22

Actor:	Student User (Initiating Actor)
Description:	The user must login in order to use the application
Preconditions:	1. The user must have an account
Postconditions:	A pop-up message will be shown which indicates that the user has successfully logged in and the homepage of the app will be displayed in the background.
Priority:	High
Frequency of Use:	The user has to login every time the user uses the application.
Flow of Events:	1. The user enters the student email id and the password and presses the 'Login' button. 2. The credentials are verified through the University SSO. 3. If the credentials are valid, then the user is signed into the application.
Alternative Flows:	AF-S3 1. The user inputs invalid credentials.

	2. There is a pop-up which displays the message "Invalid Credentials" and the user is prompted to enter the correct credentials. 3. Return to Step 1. AF-S1 1. If the user has forgotten the credentials, he/she will click on the 'Forgot Password' button to be redirected to the University's forgot password portal in order to change the password.
Exceptions:	--
Includes:	--
Special Requirements:	--
Assumptions:	--
Notes and Issues:	--

Use Case ID:	03		
Use Case Name:	Create User Profile		
Created By:	Sanath Surawar	Last Updated By:	Rajagopal Iyer
Date Created:	5th February '22	Date Last Updated:	8th February '22

Actor:	Student User (Initiating Actor)
Description:	The user must create a profile which will give more information about the user which is visible to everyone as well as the user's preferences which will be used to recommend profiles.
Preconditions:	1. The user must have an account 2. The user must be logged in to the system 3. The user must have not created a user profile before.
Postconditions:	A popup message is shown which indicates that the user profile has been successfully created.
Priority:	High
Frequency of Use:	Whenever a user uses the application for the first time. Once during the lifetime of a user.
Flow of Events:	1. The system prompts the user to create a user profile. 2. The user fills all the requested details and clicks the 'Submit' button. 3. The input data is verified by the system.

	4. If the input data is valid, a pop-up is shown which indicates successful creation of a user profile.
Alternative Flows:	AF-S4 1. The input data is invalid. 2. The system indicates that invalid information has been input by the user and prompts him/her to enter valid information again. 3. Return to Step 2.
Exceptions:	If the user doesn't enter all the mandatory information, the application notifies the user to do so in order to successfully create a user profile.
Includes:	--
Special Requirements:	--
Assumptions:	--
Notes and Issues:	--

Use Case ID:	04		
Use Case Name:	Edit User Profile		
Created By:	Sanath Surawar	Last Updated By:	Rajagopal Iyer
Date Created:	5th February '22	Date Last Updated:	8th February '22

Actor:	Student User (Initiating Actor)
Description:	The user may edit the user profile that had been created.
Preconditions:	1. The user must have an account 2. The user must be logged in to the system 3. The user must have created a user profile before.
Postconditions:	A popup message is shown which indicates that the user profile has been successfully updated.
Priority:	High
Frequency of Use:	Medium
Flow of Events:	1. The user clicks the 'Edit Profile' tab in the 'Settings' menu. 2. The user modifies the fields that he wants to change and clicks the 'Submit' button. 3. The input data is verified by the system.

	4. If the input data is valid, a pop-up is shown which indicates that the user profile has been successfully updated.
Alternative Flows:	AF-S4 1. The input data is invalid. 4. The system indicates that invalid information has been input by the user and prompts him/her to enter valid information again. 5. Return to Step 2.
Exceptions:	If the user doesn't enter all the mandatory information, the application notifies the user to do so in order to successfully save the modified user profile.
Includes:	--
Special Requirements:	--
Assumptions:	--
Notes and Issues:	--

Use Case ID:	05		
Use Case Name:	Edit Profile Preferences		
Created By:	Atul Acharya	Last Updated By:	Atul Acharya
Date Created:	4th February '22	Date Last Updated:	5th February '22

Actor:	Student User (Initiating Actor)
Description:	Enables users to update their preferences to view different profiles.
Preconditions:	1. The user must have an account 2. The user must be logged in to the system 3. The user must have created a user profile before.
Postconditions:	The preferences of the user are updated which will be used by the system to recommend profiles.
Priority:	High
Frequency of Use:	Medium
Flow of Events:	1. The user clicks the 'Edit Preferences' tab in the 'Settings' menu. 2. The user modifies the fields that he wants to change and clicks the 'Submit' button. 3. If the field isn't mandatory, a default value is selected. 4. The input data is verified by the system.

	5. If the input data is valid, a pop-up is shown which indicates that the user preferences have been successfully updated.
Alternative Flows:	AF-S5 1. The input data is invalid. 2. The system indicates that invalid information has been input by the user and prompts him/her to enter valid information again. 3. Return to Step 2.
Exceptions:	If the user doesn't enter all the mandatory information, the application notifies the user to do so in order to successfully save the modified user preferences.
Includes:	--
Special Requirements:	--
Assumptions:	--
Notes and Issues:	--

Use Case ID:	06		
Use Case Name:	View Recommended Profiles		
Created By:	Pratyush Pandey	Last Updated By:	Pratyush Pandey
Date Created:	5th February '22	Date Last Updated:	6th February '22

Actor:	Student User (Initiating Actor)
Description:	Users can view profiles that match their preferences and their profiles.
Preconditions:	1. The user must have an account. 2. The user must be logged in to the system. 3. The user must have created a user profile before.
Postconditions:	N/A
Priority:	High
Frequency of Use:	High
Flow of Events:	1. The user clicks the 'View' icon on the bottom navigation bar 2. The system retrieves the details of the profiles that are closest to the preferences and profile data of the user 3. The system displays the recommended profiles in a top-down list format as expandable buttons
Alternative Flows:	--
Exceptions:	--
Includes:	Choose Relevant Matches
Special Requirements:	--
Assumptions:	1. The matching algorithm is able to recommend profiles based on user preferences and profile data
Notes and Issues:	--

Use Case ID:	07		
Use Case Name:	Choose Relevant Matches		
Created By:	Pratyush Pandey	Last Updated By:	Pratyush Pandey
Date Created:	5th February '22	Date Last Updated:	6th February '22

Actor:	Student User (Initiating Actor)
Description:	Users can select the profiles that they like the most while viewing the recommended profiles.
Preconditions:	1. The user must have an account. 2. The user must be logged in to the system. 3. The user must have created a user profile before.
Postconditions:	The liked profiles for the user are stored in the database for future matches.
Priority:	High
Frequency of Use:	Medium
Flow of Events:	1. User clicks on the 'View' icon from the bottom navigation bar. 2. The user clicks on a profile from the list of recommended profile 3. The user views the user profile data as a pop up window. 4. The user clicks the 'Like' button if they like the displayed profile.

	5. User clicks on the 'Cross' icon to close the pop up window
Alternative Flows:	AF-S4 1. If the user of the liked profile has also liked the user's profile then the system prompts the user that it is a match 2. The system redirects the user to a chat window with the other user.
Exceptions:	--
Includes:	–
Special Requirements:	--
Assumptions:	--
Notes and Issues:	--

Use Case ID:	08		
Use Case Name:	Chat		
Created By:	Srishti Arora	Last Updated By:	Srishti Arora
Date Created:	5th February '22	Date Last Updated:	6th February '22

Actor:	Student User (Initiating Actor)
Description:	Users can communicate with other users using real-time transmission of text messages from sender to receiver.
Preconditions:	1. The user must have an account. 2. The user must be logged in to the system. 3. The user must have created a user profile before. 4. The user must be matched with the person he is trying to chat with.
Postconditions:	The chat history is stored in the database.
Priority:	High
Frequency of Use:	High
Flow of Events:	1. The user clicks the chat button from the bottom navigation bar 2. The chat window opens displaying a list of people the user has matched with 3. The user selects one person from the list 4. A chat window opens where the previous messages (if any) are displayed and a text box is available for sending new messages.

Alternative Flows:	AF-S2: If the person with whom the user is chatting is unmatched by either the user or the other person, then the chat history will be deleted and the person will no longer be available in the chat list.
Exceptions:	--
Includes:	--
Special Requirements:	--
Assumptions:	--
Notes and Issues:	--

Use Case ID:	09		
Use Case Name:	Unmatch a matched user		
Created By:	Aks Tayal	Last Updated By:	Aks Tayal
Date Created:	4th February '22	Date Last Updated:	4th February '22

Actor:	Student User (Initiating Actor)
Description:	Enables the user to unmatch a matched user on their discretion.
Preconditions:	1. The user must have an account. 2. The user must be logged in to the system. 3. The user must have created a user profile before. 4. The user must be matched with the person he is trying to unmatch.
Postconditions:	The user is no longer matched with that user.
Priority:	Medium
Frequency of Use:	Medium
Flow of Events:	1. The user visits the user profile that they wish to unmatch with. 2. The user clicks the 'Unmatch' button at the head of the profile. 3. The user receives an alert, prompting them to confirm their decision. 4. The user gives an affirmative response to the application.

	5. The user successfully unmatches with the other user.
Alternative Flows:	AF-S5: If the user dismisses the alert or retracts the unmatch request from the application, they are redirected back to the student profile.
Exceptions:	--
Includes:	--
Special Requirements:	--
Assumptions:	--
Notes and Issues:	--

Use Case ID:	10		
Use Case Name:	Connect on Social Media Platforms		
Created By:	Gopal Agarwal	Last Updated By:	Gopal Agarwal
Date Created:	4th February '22	Date Last Updated:	4th February '22

Actor:	Student User (Initiating Actor)
Description:	Helping two matched users to connect on linked social media applications.
Preconditions:	1. The user must have an account. 2. The user must be logged in to the system. 3. The user must have created a user profile before. 4. The user must be matched with that person.
Postconditions:	1. The social media profile of the user is successfully loaded.
Priority:	Medium
Frequency of Use:	Medium
Flow of Events:	1. The user clicks on the matched user's profile . 1. The user finds the URL to their social media account and clicks on the same. 2. The respective social media profile is loaded .
Alternative Flows:	AF-S4

	1. If the URL provided is incorrect or the profile does not exist, the application displays an appropriate error message.
	2. The user is redirected back to the student's profile.
Exceptions:	--
Includes:	--
Special Requirements:	--
Assumptions:	The other user that the user has matched with has put their social media URLs in their account.
Notes and Issues:	--