Use Case Description
(Student App)

Use Case ID	**UC- 1**
Use Case Name	Login
Description	End user can login to **Tolab** app
Actors	Students
Pre- conditions	● The user has an internet connection ● The **Tolab** app must be downloaded ● Open **Tolab** app ● The user already has a university email ● The user has an access to login interface
Main Flow	● Enter your university Email ● Enter your password ● Click login

Components	● **University Email address**
	   ○ Text input
	   ○ For entering university email
	   ○ Required
	   ○ Accepts a valid Email format
	   ○ Unique across the system
	   ○ Accepts letters and numbers
	   ○ Max length : 100
	   ○ When the max limit is reached, typing in the field is disabled
	   ○ If not entered, an error message appears.
	   ○ If invalid data is entered, an error message appears.
	● **Password**
	   ○ Text input
	   ○ For entering password
	   ○ Required
	   ○ Displayed in encrypted form
	   ○ Allows showing or hiding the password
	   ○ Max length : 25
	   ○ When the max limit is reached, typing in the field is disabled
	   ○ If not entered, an error message appears.
	   ○ If invalid data is entered, an error message appears.

	Login - button - To login to the app when a valid email and password are entered. - By clicking on : - In the case of entering a valid, active app user (Email and password) - The user is logged into the app and redirects to the Home screen - Entering a deactivated app user - Shows an error message - Entering an Email not registered in the system - Shows an error message - Entering an Email belonging to a doctor or assistant - Shows an error message - Entering an incorrect password - Shows an error message - In case of entering incorrect data - Shows an error message **Forget password** - Link - To reset the password - Clicking on it, redirects to Forget password screen.
Post- conditions	- The user successfully logs into the app and goes to the Home screen. - If data is incorrect or incomplete, each field shows its specific error message.

Use Case ID	**UC-2**
Use Case Name	Forget password
Description	The user can't remember the correct password to access his account
Actors	Students
Pre- conditions	- Open the app - Open login screen - Click on forget password
Main Flow	- Enter your university Email address - Click on "Check"
Components	**University Email address** - Text input - For entering university email - Required - Accepts a valid Email format - Unique across the system - Accepts letters and numbers - Max length : 100 - When the max limit is reached, typing in the field is disabled - If not entered, an error message appears. - If invalid data is entered, an error message appears. **Check** - button - To send the verification code to the user's university Email - By clicking on : - In the case of entering a valid, active app user - The OTP code is sent to the user's Email - And redirects to the verification code screen - Entering a deactivated app user - Shows an error message - Entering an Email not registered in the system - Shows an error message - Entering an Email belonging to a doctor or assistant - Shows an error message
Post- conditions	- The app redirects to the verification code screen - If data is incorrect or incomplete, each field shows its specific error message.

Use Case ID	**UC-3**
Use Case Name	Verification code
Description	The user must enetr the OTP code sent to ther mobile phone to complete the required action
Actors	Students
Pre- conditions	- Open the app - Open login screen - Click on forget password - Enter your university Email address - Click on "Check"
Main Flow	- Enter the verification code - Click on check
Components	**Verification code** 4 text input fields - For entering the verification code - Required - Accepts numbers only - Every field accepts only one number - When a number is entered in a textbox, it automatically moves to the next field. - When multible OTPs are sent to the user, only the last one sent is accepted. - If not entered, an error message appears. - If invalid OTP is entered, an error message appears. **Countdown timer** - Time counter - The timer displays the code's validity time, and the resend button is enabled when it expires. - The timer counts down. **Resend code** - button - To send another OTP code to the user's phone - The button becomes active when the timer ends. - When clicked, a new OTP code is sent to the user's phone - The timer restarts and begins counting down again. **Check** - button - To confirm and activate the code - By clicking on : - In the case of entering a valid, active a valid OTP

	code
	● Redirects the user to reset password screen.
	■ Entering an incorrect OTP code
	● Shows an error message
	● **Back to registration**
	○ Button
	○ Allows the user to go back to the previous step to verify the entered Email address before sending the code.
	○ Enables immediate editing of the data without waiting for the current code to expire
	○ If the user edits or does not edit the Email and clicks the "Check" button again:
	■ A new verification code is sent to the user's phone
	■ And the countdown timer restarts counting down.
Post- conditions	● The code is confirmed when entered correctly, and the app redirects to the reset password screen ● If data is incorrect or incomplete, each field shows its specific error message.

Use Case ID	**UC- 4**
Use Case Name	Reset password
Description	The user can reset their password in case it's forgotten
Actors	Students
Pre- conditions	● Open the app ● Open login screen ● Click on forget password ● Enter the verification code
Main Flow	● Enter the new password ● Re-enter the new password ● Click continue

Components	● **New Password**
	  ○ Text input
	  ○ For entering the new password
	  ○ Required
	  ○ Displayed in encrypted form
	  ○ Allows showing or hiding the password

	○ Max length : 25
	    ○ When the max limit is reached, typing in the field is disabled
	    ○ If not entered, an error message appears.
	    ○ If invalid data is entered, an error message appears.
	● **Re-enter the new Password**
	    ○ Text input
	    ○ For re-entering the new password
	    ○ Required
	    ○ Displayed in encrypted form
	    ○ Allows showing or hiding the password
	    ○ Max length : 25
	    ○ When the max limit is reached, typing in the field is disabled
	    ○ It must match the previous entered password
	    ○ If not entered, an error message appears.
	    ○ If invalid data is entered, an error message appears.
	    ○ Entering a password that doesn't match the previous one, an error message appears.
	● **Continue**
	    ○ button
	    ○ For saving the new password
	    ○ By clicking on :
	        ■ In the case of entering correct data
	            ● Redirects to the login screen to allow the user to login with the new password.
	        ■ In case of entering incorrect data
	            ● Shows an error message

Post- conditions	● The password is reset correctly, and redirects to login screen ● If data is incorrect or incomplete, each field shows its specific error message.

Use Case ID	**UC-5**
Use Case Name	Home page
Description	Allows the user to browse the app's main interface
Actors	Students
Pre- conditions	● User opens the app ● Successfully logs in via the login screen ● The app redirects to the home screen automatically
Main Flow	-
Components	● **Header** 　○ App logo 　　■ Logo 　　■ Displays the app logo 　○ User name 　　■ Label 　　■ Displays the user's name 　○ Profile image 　　■ Image 　　■ Displays the user's profile image 　　■ Or avatar if none uploaded 　○ Notifications 　　■ Icon 　　■ Showing the count of unread alerts 　　■ Updated in real time 　　■ Clicking it navigates to the notification screen ● **Date calendar (days of the week)** 　○ Date calender 　○ Displays the date and day 　○ Allows the student to navigate between days to view quizzes and online lectures related to specified date ● **Account details** 　○ Section 　○ Displays information about the account 　○ It displays the following: 　　■ Student name 　　■ Name of the academic department 　　■ Academic year ● **Upcoming online lectures** 　○ Section 　○ Displays all the online lectures related to the specified date

	○ It displays the following:
	  ■ Name of the academic subject
	  ■ Name of doctor of the subject
	  ■ Date of the online lecture
	● **Upcoming online quizzes**
	 ○ Section
	 ○ Displays all the online quizzes related to the specified date
	 ○ It displays the following:
	  ■ Name of the academic subject
	  ■ Name of assistant of the academic subject
	  ■ Date of the online quiz
	● **Nav bar**
	 ○ Contain quick-access icons for the main sections
	 ○ It contains the following icons:
	  ■ Home page
	   ● icon
	   ● Clicking on it takes you to the home screen
	  ■ academic subjects
	   ● icon
	   ● Clicking on it takes you to the academic subjects screen
	  ■ Class schedule
	   ● icon
	   ● Clicking on it takes you to the class schedule screen
	  ■ Tolab community
	   ● icon
	   ● Clicking on it takes you to Tolab community screen
	  ■ More
	   ● icon
	   ● Clicking on it takes you to more screen

Post- conditions	● Unread notifications count updates in real time ● clicking on any link or icon will take you to the corresponding screen correctly ● The data is retrieved correctly

Use Case ID	**UC-6**
Use Case Name	Academic Subjects
Description	Allows the user to browse the academic subjects
Actors	Students
Pre- conditions	● User opens the app ● Successfully logs in via the login screen ● The app redirects to the home screen automatically ● From the nav bar click Academic subjects
Main Flow	-

Components	● **Academic subjects**
	  ○ Section
	  ○ Displays all academic subjects added by the college
	  ○ It displays the following:
	    ■ Name of the academic subject
	  ○ clickable
	  ○ Clicking on it takes you to the academic subject details screen

Post- conditions	● clicking on any link or icon will take you to the corresponding screen correctly ● The data is retrieved correctly

Use Case ID	**UC-7**
Use Case Name	Academic Subject details
Description	Allows students to view Academic Subject details including lectures, sections , quizzes and summaries
Actors	Students
Pre- conditions	● User opens the app ● Successfully logs in via the login screen ● The app redirects to the home screen automatically ● From the nav bar click Academic subjects ● Select the academic subject whose details you want to view

Main Flow	-
Components	**Academic subject details** - lectures - clickable - Clicking on it takes you to the academic subject lectures screen - Sections - clickable - Clicking on it takes you to the academic subject sections screen - Quizzes - clickable - Clicking on it takes you to the academic subject quizzes screen - Tasks - clickable - Clicking on it takes you to the academic subject tasks screen - Summaries - clickable - Clicking on it takes you to the academic subject summaries screen
Post- conditions	- clicking on any link or icon will take you to the corresponding screen correctly - The data is retrieved correctly

Use Case ID	**UC-8**
Use Case Name	Academic Subject lectures
Description	Allows students to view and access the Academic subject lectures
Actors	Students
Pre- conditions	- User opens the app - Successfully logs in via the login screen - The app redirects to the home screen automatically - From the nav bar click Academic subjects - Select the academic subject whose details you want to view - Click on lectures
Main Flow	-

Components	**● Academic subject details**
	○ Academic subject name
	■ Label
	■ Displays the academic subject name
	○ Lectures
	■ Section
	■ Displays lectures details
	■ It displays the following:
	● Week number
	● Lecture's name
	● Doctor's name
	● Lecture content
	○ Video
	■ URL link
	■ clickable
	■ clicking on it displays the lecture video uploaded by the doctor
	○ PDF
	■ PDF file
	■ clickable
	■ clicking on it displays the lecture PDF uploaded by the doctor
Post- conditions	● clicking on any link or icon will take you to the corresponding screen correctly
	● The data is retrieved correctly

Use Case ID	**UC-9**
Use Case Name	Academic Subject sections
Description	Allows students to view and access the Academic subject sections
Actors	Students
Pre- conditions	● User opens the app
	● Successfully logs in via the login screen
	● The app redirects to the home screen automatically
	● From the nav bar click Academic subjects
	● Select the academic subject whose details you want to view
	● Click on sections

Main Flow	-

Components	● **Academic subject details**
	    ○ Academic subject name
	        ■ Label
	        ■ Displays the academic subject name
	    ○ Sections
	        ■ Section
	        ■ Displays academic subject sections details
	        ■ It displays the following:
	            ● Week number
	            ● Section's name
	            ● Assistant's name
	            ● Section content
	                ○ Video
	                    ■ URL link
	                    ■ clickable
	                    ■ clicking on it displays the section video uploaded by the assistant
	                ○ PDF
	                    ■ PDF file
	                    ■ clickable
	                    ■ clicking on it displays the section PDF uploaded by the assistant

Post- conditions	● clicking on any link or icon will take you to the corresponding screen correctly ● The data is retrieved correctly

Use Case ID	**UC-10**
Use Case Name	Academic Subject quizzes
Description	Allows students to view and access the Academic subject quizzes
Actors	Students
Pre- conditions	● User opens the app ● Successfully logs in via the login screen ● The app redirects to the home screen automatically ● From the nav bar click Academic subjects ● Select the academic subject whose details you want to view

	● Click on quizzes
Main Flow	-

Components	● **Academic subject details**
	    ○ Academic subject name
	        ■ Label
	        ■ Displays the academic subject name
	    ○ Quizzes
	        ■ Offline quizzes
	            ● Section
	            ● Displays academic subject quizzes details
	            ● It displays the following:
	                ○ Week number
	                ○ Lecture / Section's name
	                ○ Doctor / Assistant's name
	                ○ Quiz start date
	                    ■ Label
	                    ■ Displays the day and start date of the quiz
	        ■ Online quizzes
	            ● Section
	            ● Displays academic subject quizzes details
	            ● It displays the following:
	                ○ Week number
	                ○ Lecture / Section's name
	                ○ Doctor / Assistant's name
	                ○ Quiz start date
	                    ■ Label
	                    ■ Displays the day and date of the quiz
	                ○ (Enter) button
	                    ■ Button
	                    ■ It becomes active only once the quiz start date arrives
	                    ■ Clicking on it displays the URL link to access the quiz
	                        ● Clicking the URL link redirects to the quiz page.

Post- conditions	● clicking on any link or icon will take you to the corresponding screen correctly ● The data is retrieved correctly

Use Case ID	**UC-11**
Use Case Name	Academic Subject tasks
Description	Allows students to view and access the Academic subject tasks
Actors	Students
Pre- conditions	- User opens the app - Successfully logs in via the login screen - The app redirects to the home screen automatically - From the nav bar click Academic subjects - Select the academic subject whose details you want to view - Click on tasks
Main Flow	-
Components	**Academic subject details** - Academic subject name - Label - Displays the academic subject name - Tasks - If there are no tasks , a message saying "No tasks available now" - If there are tasks, it displays the available tasks. - Available tasks - Section - Displays academic subject available tasks details - It displays the following: - Week number - Lecture / Section's name - Doctor / Assistant's name - Task content - PDF - PDF file - clickable - clicking on it displays the task PDF uploaded by the assistant

	/ doctor
Post- conditions	● clicking on any link or icon will take you to the corresponding screen correctly ● The data is retrieved correctly

Use Case ID	**UC-12**
Use Case Name	Academic Subject summaries
Description	Allows students to view and access the Academic subject summaries
Actors	Students
Pre- conditions	● User opens the app ● Successfully logs in via the login screen ● The app redirects to the home screen automatically ● From the nav bar click Academic subjects ● Select the academic subject whose details you want to view ● Click on summaries
Main Flow	-

Components	● **Academic subject details**
	  ○ Academic subject name
	    ■ Label
	    ■ Displays the academic subject name
	  ○ Summaries
	    ■ Section
	    ■ Displays academic subject summaries details
	    ■ It displays the following:
	      ● Summary name
	      ● student name
	      ● Summary content
	        ○ Video
	          ■ URL link
	          ■ clickable
	          ■ clicking on it displays the summary video uploaded by the student
	        ○ PDF
	          ■ PDF file
	          ■ clickable
	          ■ clicking on it displays the

	summary PDF uploaded by the student
	 ○ (Add summary)
	  ■ Button
	  ■ Clicking on it, navigates to the (Add summary screen).

Post- conditions	● clicking on any link or icon will take you to the corresponding screen correctly ● The data is retrieved correctly

Use Case ID	**UC-13**
Use Case Name	Add summary
Description	Allows students to add new summary
Actors	Students
Pre- conditions	● User opens the app ● Successfully logs in via the login screen ● The app redirects to the home screen automatically ● From the nav bar click Academic subjects ● Select the academic subject whose details you want to view ● Click on summaries ● Click on Add summary
Main Flow	● Enter summary name ● Enter student name ● Upload the summary content ● Click on save

Components	● **Academic subject details**
	 ○ Academic subject name
	  ■ Label
	  ■ Displays the academic subject name
	 ○ Add summary
	  ■ Summary name
	   ● Text input
	   ● For entering the summary name
	   ● Required
	   ● Accepts letters and numbers
	   ● Min length : 2
	   ● Max length : 100

	- When the max limit is reached, typing in the field is disabled - If not entered, an error message appears. - If invalid data is entered, an error message appears. - Student name - Text input - For entering student name - Required - Accepts letters and numbers - Min length : 2 - Max length : 100 - When the max limit is reached, typing in the field is disabled - If not entered, an error message appears. - If invalid data is entered, an error message appears. - Summary content - Video - Text input - For entering the summary video link - optional - Accepts a valid YouTube link format - PDF - Upload pdf - For uploading the summary PDF file - Optional - Accepts PDF / PNG and JPEG format. (Save) button - Button - Clicking on it - saves the summary - Adding the summary to the academic subject summaries screen.
Post- conditions	- clicking on any link or icon will take you to the corresponding screen correctly - Summary added successfully - The data is retrieved correctly

Use Case ID	**UC-14**
Use Case Name	Class schedule
Description	Allows students to view the class schedule
Actors	Students
Pre- conditions	● User opens the app ● Successfully logs in via the login screen ● The app redirects to the home screen automatically ● From the nav bar click Class schedule
Main Flow	-

Components	● **Academic year details**
	  ○ Name of the academic department
	  ○ Academic year
	● **Class schedule**
	  ○ Table graph
	  ○ Displays the class schedule added by the collage

Post- conditions	● The data is retrieved correctly

Use Case ID	**UC-15**
Use Case Name	Tolab community
Description	Allows students to access Tolab community, interact with posts, and add comments
Actors	Students
Pre- conditions	● User opens the app ● Successfully logs in via the login screen ● The app redirects to the home screen automatically ● From the nav bar click Tolab community
Main Flow	-
Components	● **Header**

- ○ App logo
  - ■ Logo
  - ■ Displays the app logo
- ○ Welcome message for the user
  - ■ Label
  - ■ Displays a welcome message "Hello" + the logged-in user's name
- ○ Tolab community
  - ■ Label
  - ■ Displays the name of the current screen "Tolab community"
- ● **Posts**
  - ○ Filter
    - ■ The user can view posts based on the selected category status from the filter
    - ■ It displays the following values:
      - ● Oldest
      - ● All posts
      - ● Newest
  - ○ Reaction icons (emojis)
    - ■ The user can interact with posts using reaction icons.
  - ○ Posts
    - ■ Labels
    - ■ Displays post texts entered by doctors / assistants registered in the system so that students can view them.
  - ○ Post author's name
    - ■ Label
    - ■ Displays the name of the user who created the post (doctor / assistant)
  - ○ (view comments) button
    - ■ Button
    - ■ Clicking on it, displays all comments related to this post
  - ○ Comments
    - ■ List
    - ■ Contains all comments related to this post
    - ■ It contains:
      - ● student name
      - ● Comment date
      - ● Comment text
    - ■ Add comment
      - ● Text area
      - ● To add a comment for this post
      - ● Accepts letters and numbers
      - ● Min length : 2

	- Max length : 300 - When the max limit is reached, typing in the field is disabled - If not entered, an error message appears. - If invalid data is entered, an error message appears. ■ (Add) button - Button - Clicking on it, adds the comment to the post
Post- conditions	- Posts displayed successfully - Ability to interact with post and add comments - The data is retrieved correctly

Use Case ID	**UC-16**
Use Case Name	Notifications screen
Description	Students can view notifications sent to them by doctors, assistants or the college.
Actors	Students
Pre- conditions	- User opens the app - Successfully logs in via the login screen - The app redirects to the home screen automatically - Click on notification icon
Main Flow	-
Components	**When clicking on any notification related to a quiz , redirects to the Academic subject quizzes.** **When clicking on any notification related to uploaded lectures, redirects to the Academic subject lectures.** **When clicking on any notification related to uploaded sections, redirects to the Academic subject sections.** **Notifications must work in Real time.** **The notification icon shows the number of unread notifications.** **Notification title** - Label - Shows the notification title **Notification content**

	○ Label ○ Shows the notification content ○ If the notification is sent by the doctor, assistant or admin ■ The "message text" is displayed. ● **Notification date and time** ○ Label ○ Displays the date and time the notification was sent
Post- conditions	● When clicking on any notification related to a quiz , redirects to the Academic subject quizzes. ● When clicking on any notification related to uploaded lectures, redirects to the Academic subject lectures. ● When clicking on any notification related to uploaded sections, redirects to the Academic subject sections. ● The data is retrieved correctly
Notes	● **Notes:** ○ Notification work in Real Time ○ Notifications are not sent to disabled users. ○ Notifications are not sent to users who logged out, but when they log in to the app, these notification appear in their notification list.

Use Case ID	**UC-17**
Use Case Name	More
Description	The student can view the list of links in the sidebar.
Actors	Students
Pre- conditions	- User opens the app - Successfully logs in via the login screen - The app redirects to the home screen automatically - From the nav bar click more
Main Flow	-
Components	**My profile** - Link - Clicking on it, takes you to my profile screen **Academic results** - Link - Clicking on it, takes you to academic results screen **Language** - Link - Clicking on it, takes you to language screen **Notification setting** - Link - Clicking on it, takes you to notification setting screen **Logout** - Link - Clicking on it: - The user will be logged out of the application - And redirect to the login screen.
Post- conditions	- clicking on any link or icon will take you to the corresponding screen correctly - The data is retrieved correctly

Use Case ID	**UC-18**
Use Case Name	My profile
Description	The student can access their personal profile
Actors	Students
Pre- conditions	- User opens the app - Successfully logs in via the login screen - The app redirects to the home screen automatically - From the nav bar click more - Click on my profile
Main Flow	-
Components	**Personal information** - Name - Label - It displays the student's name - Code - Label - It displays the student's code - Religion - Label - It displays the student's religion - Nationality - Label - It displays the student's nationality - Date of birth - Label - It displays the student's date of birth - Place of birth - Label - It displays the student's place of birth - Marital status - Label - It displays the student's marital status - ID number - Label - It displays the student's ID number - ID type - Label - It displays the student's ID type - Date of issue - Label

	■ It displays the ID card issue date
	○ Place of issue
	    ■ Label
	    ■ It displays the ID card place of issue
	○ Father's name
	    ■ Label
	    ■ It displays the father's name
	○ Mother's name
	    ■ Label
	    ■ It displays the mother's name
	○ Enrollment status
	    ■ Label
	    ■ It displays the enrollment status
	○ Admission type
	    ■ Label
	    ■ It displays the student's admission type
	○ Year of admission
	    ■ Label
	    ■ It displays the student's year of admission
	● **Previous qualification details**
	○ Qualification
	    ■ Label
	    ■ It displays the student's qualification
	○ School
	    ■ Label
	    ■ It displays the school
	○ Year of qualification
	    ■ Label
	    ■ It displays the year of qualification
	○ Grade
	    ■ Label
	    ■ It displays the student's grade
	○ Percentage
	    ■ Label
	    ■ It displays the student's percentage

Post- conditions	● The data is retrieved correctly

Use Case ID	**UC-19**
Use Case Name	Academic results
Description	The student can view their academic results
Actors	Students
Pre- conditions	- User opens the app - Successfully logs in via the login screen - The app redirects to the home screen automatically - From the nav bar click more - Click on academic results
Main Flow	-
Components	**Academic results** - Section - Displays academic results details - It displays the following: - Academic year details - Name of the academic department - Academic year - Academic results - Table graph - It displays the academic results for the subjects and the grades entered by the college.
Post- conditions	The data is retrieved correctly

Use Case ID	**UC-20**
Use Case Name	Language
Description	The user can change the application's language
Actors	Students
Pre- conditions	- User opens the app - Successfully logs in via the login screen - The app redirects to the home screen automatically - From the nav bar click more - Click on language
Main Flow	-
Components	**Language** - Radio button list - To change the application's language - It contains: - Arabic language - English language **(Save) button** - Button - Selecting a language and pressing (Save) button, changes the app language to the chosen language.
Post- conditions	- The data is retrieved correctly - The application language changes correctly to the chosen language.

Use Case ID	**UC-21**
Use Case Name	Notification setting
Description	The user can manage notification settings to allow or block app notifications.
Actors	Students
Pre- conditions	● User opens the app ● Successfully logs in via the login screen ● The app redirects to the home screen automatically ● From the nav bar click more ● Click on notification setting
Main Flow	-

Components	● **Receiving notifications**
	    ○ Toggle
	    ○ To manage notification setting
	    ○ When enabled, notifications from the app are received normally.
	    ○ When disabled, notifications from the app are not received.

Post- conditions	● Notification settings were successfully managed.