

# FaceAnalyzer User Stories

US-01	
<b>Name</b>	Administrator create user account
<b>Actors</b>	<ul style="list-style-type: none"> <li>- Administrator</li> <li>- User (administrator or researcher)</li> </ul>
<b>Entry</b>	The administrator is logged-in
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- The administrator clicks on the user management panel</li> <li>- On the user management panel, the administrator clicks on "Create new admin account" or "Create new researcher account"</li> <li>- On the account creation screen the administrator fills in the personal information: username, password, name, surname, email and contact number.</li> <li>- The form is submitted and the account is created</li> <li>- The new user logs in with its new account</li> </ul>
<b>Exit condition</b>	The new user is logged in with its new account
<b>Special requirements</b>	Username should be unique

US-02	
<b>Name</b>	Administrator delete account
<b>Actors</b>	Administrator
<b>Entry</b>	The administrator is logged-in
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- The administrator clicks on the user management panel</li> <li>- On the user management panel, the administrator clicks on "Delete user account"</li> <li>- On the account deletion screen the administrator can search for the user that he/she wants to delete</li> <li>- The administrator clicks on the user that he/she wants to delete</li> <li>- On the confirmation pop up asking if he/she really wants to delete the account, the administrator clicks yes</li> </ul>
<b>Exit condition</b>	The user is logged out and cannot log in again
<b>Special requirements</b>	Disable deletion of the last administrator account.

US-03	
<b>Name</b>	Administrator logs in, sees all projects and logs out
<b>Actors</b>	Administrator
<b>Entry</b>	The administrator is in the web application without a logged-in user.
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- Administrator clicks on the log in button</li> <li>- On the log in screen the administrator fill the form with its username and password</li> <li>- The form is submitted and the administrator is in the welcome screen</li> <li>- The administrator can see all the settings and projects</li> </ul>

	<ul style="list-style-type: none"> <li>- The administrator clicks on the account button</li> <li>- On the account screen the administrator clicks on log out button</li> </ul>
<b>Exit condition</b>	The administrator is disconnected to the web application
<b>Special requirements</b>	The administrator should have an account created previously

<b>US-04</b>	
<b>Name</b>	Researcher logs in, sees all projects and logs out
<b>Actors</b>	Researcher
<b>Entry</b>	The researcher is in the web application without a logged-in user.
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- Researcher clicks on the log in button</li> <li>- On the log in screen the researcher fill the form with its username and password</li> <li>- The form is submitted and the researcher is in the welcome screen</li> <li>- The researcher can see all the settings and projects</li> <li>- The researcher clicks on the account button</li> <li>- On the account screen the researcher clicks on log out button</li> </ul>
<b>Exit condition</b>	The researcher is disconnected to the web application
<b>Special requirements</b>	The researcher should have an account created previously

<b>US-05</b>	
<b>Name</b>	Administrator creates project, edits it and removes it
<b>Actors</b>	Administrator
<b>Entry</b>	The administrator is logged-in
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- The administrator clicks on the project management panel</li> <li>- On the project management panel, the administrator clicks on "Add project"</li> <li>- On the project creation screen the administrator fills the name and description of the project.</li> <li>- The administrator clicks on "Create project"</li> <li>- The form is submitted and the administrator can see the new project in the project management panel</li> <li>- The administrator clicks on the created project</li> <li>- On the project page the administrator clicks on "Edit project"</li> <li>- The administrator changes the title and description of the project and clicks submit</li> <li>- The administrator can see the project with the description changed on the project management panel</li> <li>- The administrator clicks on the created project</li> <li>- On the project page the administrator clicks on "Remove project"</li> <li>- On the confirmation pop up asking if he/she really wants to delete the project, the administrator clicks yes</li> </ul>
<b>Exit condition</b>	The administrator cannot see the project on the project management panel anymore
<b>Special requirements</b>	/

US-06	
<b>Name</b>	Administrator grants and revokes project permissions
<b>Actors</b>	<ul style="list-style-type: none"> <li>- Administrator</li> <li>- Researcher</li> </ul>
<b>Entry</b>	The administrator is logged-in on the project management panel with a project created
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- The administrator clicks on the project</li> <li>- On the project page the administrator clicks on "Researchers"</li> <li>- On the project researchers page the administrator can see all the researchers currently assigned to the project</li> <li>- On the project researchers page the administrator clicks on "Add researchers"</li> <li>- On the project add researchers page the administrator can search for the researcher that he/she wants to add to the project</li> <li>- The administrator clicks on the researcher that he/she wants to add to the project</li> <li>- On the confirmation pop up asking if he/she really wants to add the researcher, the administrator clicks yes</li> <li>- On the project researchers page the administrator can see the recently added researcher assigned to the project</li> <li>- The administrator clicks on the cross button next to the researcher to delete it</li> <li>- On the confirmation pop up asking if he/she really wants to delete the researcher, the administrator clicks yes</li> </ul>
<b>Exit condition</b>	The researcher does not have permissions to edit/see the project
<b>Special requirements</b>	/

US-07	
<b>Name</b>	User creates experiment, edits it and removes it
<b>Actors</b>	User
<b>Entry</b>	The user is logged-in
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- The user clicks on the project management panel</li> <li>- On the project management panel, the user clicks on the project</li> <li>- On the project screen the user clicks on "Add experiment"</li> <li>- The user fills the name and description of the experiment</li> <li>- The form is submitted and the user can see the new experiment in the project screen</li> <li>- The user clicks on the created experiment</li> <li>- On the experiment page the user clicks on "Edit experiment"</li> <li>- The user changes the title and description of the experiment and clicks submit</li> <li>- The user can see the experiment with the description changed on the project screen</li> <li>- The user clicks on the created experiment</li> <li>- On the experiment page the user clicks on "Remove experiment"</li> <li>- On the confirmation pop up asking if he/she really wants to delete the experiment, the user clicks yes</li> </ul>
<b>Exit condition</b>	The user cannot see the experiment on the project screen anymore
<b>Special requirements</b>	The project should be created before adding the experiment

US-08	
<b>Name</b>	User adds note, edits it and deletes it
<b>Actors</b>	User
<b>Entry</b>	The user is logged-in and on the experiment screen
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- The user can see all notes previously added to the experiment</li> <li>- The user clicks on the button "Add note"</li> <li>- The user fill in the form with the note and submit it</li> <li>- The user can see the recently added note in the experiment screen</li> <li>- The user clicks on the created note</li> <li>- On the note page the user clicks on "Edit note"</li> <li>- The user changes the note and clicks submit</li> <li>- The user can see the note changed</li> <li>- The user clicks on on the cross button next to the note to delete it</li> <li>- On the confirmation pop up asking if he/she really wants to delete the note, the user clicks yes</li> </ul>
<b>Exit condition</b>	The user cannot see the note on the experiment screen anymore
<b>Special requirements</b>	The project and experiment should be created before adding the note

US-09	
<b>Name</b>	User adds stimuli video and removes it
<b>Actors</b>	User
<b>Entry</b>	The user is logged-in and on the experiment screen
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- The user can see all stimuli videos previously added to the experiment</li> <li>- The user clicks on the button "Add stimuli video"</li> <li>- The user clicks on the button "Upload new stimuli video"</li> <li>- The user uploads the video and submit it</li> <li>- The user can see the recently added video in the experiment screen</li> <li>- The user clicks on on the cross button next to the video to delete it</li> <li>- On the confirmation pop up asking if he/she really wants to delete the video, the user clicks yes</li> </ul>
<b>Exit condition</b>	The user cannot see the video on the experiment screen anymore
<b>Special requirements</b>	The project and experiment should be created before adding the video

US-10	
<b>Name</b>	User records experiment and runs it
<b>Actors</b>	User
<b>Entry</b>	The user is logged-in and on the experiment screen
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- The user can see all stimuli videos previously added to the experiment</li> <li>- The user clicks on the button "Add stimuli video"</li> <li>- The user clicks on the button "Record new stimuli video"</li> <li>- The user records a video and stops the recording</li> <li>- The user clicks "Send"</li> <li>- The user can see the recently added video in the experiment</li> </ul>

	screen <ul style="list-style-type: none"> <li>- The user clicks on the video</li> <li>- On the video screen the user clicks on "See video" and sees the recorded video and raw real-time outputs of visage SDK</li> </ul>
<b>Exit condition</b>	The recorded videos is added to the experiment and now the user can see it with raw real-time outputs of visage SDK
<b>Special requirements</b>	/

<b>US-11</b>	
<b>Name</b>	User executes experiment in real-time
<b>Actors</b>	User
<b>Entry</b>	The user is logged-in and on the experiment screen
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- The user can see all stimuli videos previously added to the experiment</li> <li>- The user clicks on the button "Add stimuli video"</li> <li>- The user clicks on the button "Record new stimuli video and execute"</li> <li>- The user records a video and sees the recorded video and raw real-time outputs of visage SDK</li> <li>- The user clicks "Send"</li> <li>- The user can see the recently added video in the experiment screen</li> </ul>
<b>Exit condition</b>	The recorded videos is added to the experiment and now the user can see it with raw real-time outputs of visage SDK
<b>Special requirements</b>	/

<b>US-12</b>	
<b>Name</b>	User sees emotions over time
<b>Actors</b>	User
<b>Entry</b>	The user is logged-in and on the experiment screen
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- The user can see all stimuli videos previously added to the experiment</li> <li>- The user clicks on the video</li> <li>- On the video screen the user clicks on "See emotions over time" and sees a plot that shows how magnitudes of basic emotions change over time. I.e., it would be a line chart in which x-axis is time and y-axis is magnitude of emotions (from 0% to 100%). Different emotions can be plotted as lines of different colors in the same graph or in multiple subplots one below the other</li> </ul>
<b>Exit condition</b>	The user is able to see a plot that shows how magnitudes of basic emotions change over time of the stimuli video
<b>Special requirements</b>	The stimuli video should have been added previously

<b>US-13</b>	
<b>Name</b>	User sees dynamic charts

<b>Actors</b>	User
<b>Entry</b>	The user is logged-in and on the experiment screen
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- The user can see all stimuli videos previously added to the experiment</li> <li>- The user clicks on the video</li> <li>- On the video screen the user clicks on “See dynamic charts” and see plots showing numbers numbers and corresponding bar charts dynamically while playing the video stimuli. In other words, instead of observing the fixed graph, researchers would be able to view the same video that was used in the experiment and see magnitudes of participant's emotions as numbers and bars besides the video for the current timestamp of the video, changing as the video progresses. This is useful, as it is easier to relate what is happening in the video with current magnitudes of participant's emotions. It also allows researchers to pause to video, or jump to a specific timestamp</li> </ul>
<b>Exit condition</b>	The user is able to see plots showing numbers numbers and corresponding bar charts dynamically while playing the video stimuli
<b>Special requirements</b>	The stimuli video should have been added previously

<b>US-14</b>	
<b>Name</b>	User sees distributions of participant's emotion
<b>Actors</b>	User
<b>Entry</b>	The user is logged-in and on the experiment screen
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- The user can see all stimuli videos previously added to the experiment</li> <li>- The user clicks on the video</li> <li>- On the video screen the user clicks on “See distributions of participant's emotion” and see boxplots per participant which shows distributions of participant's emotions. The x-axis would be emotions, the y-axis magnitude</li> </ul>
<b>Exit condition</b>	The user is able to see boxplots per participant which shows distributions of participant's emotions
<b>Special requirements</b>	The stimuli video should have been added previously

<b>US-15</b>	
<b>Name</b>	User sees emotions in time per experiment
<b>Actors</b>	User
<b>Entry</b>	The user is logged-in and on the experiment screen
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- The user can see all stimuli videos previously added to the experiment</li> <li>- The user clicks on the video</li> <li>- On the video screen the user clicks on “See emotions in time per experiment” and see line charts of emotions in time per experiment, but across all participants in the experiment, showing the average emotion in each timestamp of the video. Additionally, shading around the line charts should depict one standard deviation</li> </ul>

<b>Exit condition</b>	The user is able to see line charts of emotions in time per experiment
<b>Special requirements</b>	The stimuli video should have been added previously

<b>US-16</b>	
<b>Name</b>	User exports a single visualization and all visualizations in CSV files
<b>Actors</b>	User
<b>Entry</b>	The user is logged-in and on the experiment screen
<b>Flow of events</b>	<ul style="list-style-type: none"> <li>- The user can see all stimuli videos previously added to the experiment</li> <li>- The user clicks on the video</li> <li>- On the video screen the user clicks on "Download emotions in time per experiment"</li> <li>- A CSV file is downloaded</li> <li>- On the video screen the user clicks on "Download all visualizations"</li> <li>- Several CSV files with all the visualizations are downloaded</li> </ul>
<b>Exit condition</b>	The user has all the visualizations downloaded in CSV files
<b>Special requirements</b>	/