**Use Case Model**



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| Id/ Description | Name: | User Story Id: | Actors | Pre-  conditions | Steps | Post-  conditions | Exceptions handled : |
| 1. Log the user into their account by entering their username and password. Extends Register. | Log in: | N/A | User | User must be registered | **Actors actions:**  1. User enters username and password  2. User clicks login  **System responses:**  3.Brings the user to the main screen in their account | User is brought to the main page. | User tries to log into account that doesn’t exist. |
| 2. Log the user out of their account and bring them back to the sign in screen. | Log out: | N/A | User | User must be logged in | **Actors actions:**  1.User clicks logout  **System responses:**  2. The user is brought back to the sign in screen. | User is brought to the sign in page. | User tries to log out of an account that they are not logged into. |
| 3. Create a profile for the user to allow them to use the app. Extension of Log in. | Register: | N/A | User | User must be logged in | **Actors actions:**  1. Enter personal information.  2. Upload pictures  3.Click register  **System responses:**  4. Logs the user into their account and brings them to the main screen. | User is brought to the main screen. | N/A |
| 4. Select which users you would like to match with. Generalization of: like and dislike | React to others profiles: | 1. | User | User must be logged in | **Actors actions:**  1. React to a potential match.  **System responses:**  1.a.1. If both users select “like” on each other they will be matched and the app will place them in each others match list.  2. Move onto the next user.  **Alternate Flow:**  1a. User “Likes” other user  1b. User “dislikes” other user | N/A | N/A |
| 5. Customize the color and font of the users profile. Generalization of: Change text color, change profile color, and change text fonts. | Customize profile: | 2. | User | User must be logged in | **Actors actions:**  1. Click on the “profile” tab  2. Choose whether to change the text color, profile color, or text font.  **System responses:**  3. System changes to the specified color or font. | N/A | N/A |
| 6. Change the text color of the users profile to any of the available options. Specialization of: Customize profile. | Change text color: | 2a. | User | User must be logged in | **Actors actions:**  1. Choose the “profile” tab.  2. Click on “Change text color”  4. Select a color from the list provided.  5. Select “Apply”  **System responses:**  3. Shows a list of colors the user can change the text to  6. Change the text color to the color the user chose. | The text color of the users profile changes to the specified color. | User tries to change to a color that is the same as the profile color. |
| 7. Change the profile color of the user to any of the available colors. Specialization of: Customize profile. | Change profile color: | 2a. | User | User must be logged in | **Actors actions:**  1. Choose the “profile” tab.  2. Click on “Change profile color”.  4. Select a color from the list provided.  5. Select “Apply”  **System responses:**  3. Shows a list of colors the user can change the profile to.  6. Change the profile color to the color the user chose. | The users profile changes to the specified color. | User tries to change the profile color to a color that is the same as the text color. |
| 8. Change the font of the users profile to any of the available options. Specialization of: Customize profile. | Change text fonts: | 2a. | User | User must be logged in | **Actors actions:**  1. Choose the “profile” tab.  2. Click on “Change text fonts”  4. Select a font from the list provided.  5. Select “Apply”  **System responses:**  3. Shows a list of fonts the user can change the text to.  6. Change the text to the font the user chose. | The text of the users profile changes to the specified font. | N/A |
| 9. Send messages to users that you have matched with. | Send messages: | 3a. | User | User must be logged in | **Actors actions:**  1. Select the “messages” tab.  2. Select the matched user that you wish to message.  3. Type message out in the provided box.  4. Click “Send”  **System responses:**  2. Show a list of matched user.  5. Send the message to the selected user. | The users message is sent to the specified user. | User tries to send pictures to the match. |
| 10. View a list of all the users that you are matched with. | View matched users: | 3b. | User | User must be logged in | **Actors actions:**  1. Select the matches tab.  **System responses:**  2. Show a list of matched users | N/A | N/A |
| 11. Report a user if they are violating the apps rules. | Report: | 5a/5b | User | User must be logged in | **Actors actions:**  1. Click on a users profile.  2. Click the report button.  4. Type reason why you are reporting this user.  5. Click report  **System responses:**  3. Text box pops up for the user to explain the reason why they are reporting the user. | The report is reviewed. | The user accidentally blocks another user. Allow them to unblock them. |
| 12. Block a user if you do not want anymore contact with that user | Block: | 5. | User | User must be logged in | **Actors actions:**  1. Click on a users profile  2. Click the block button  **System responses:**  3. No longer allow messages or any contact between the two users in the app. | The user no longer has contact with the user they choose to block. | The user accidentally reports another user. Allow them to rescind their report. |
| 13. Specify an age range so that the app will only show you other users in that same age range. | Specify age range: | 6. | User | User must be logged in | **Actors actions:**  1. Click on the “Filter” button  2. Move the slider to filter the range of the users ages that they will see.  **System responses:**  3. Only show the user other profiles in the specified age range. | The app only shows other profiles in the specified age range. | A user tries to specify an age that is not in the apps allowed age range. |
| 14. View a list of first date suggestions that you can choose from. | View first date suggestions | 10. | User | User must be logged in | **Actors actions:**  1. Select “First Date Suggestions”.  **System responses:**  2. Show a list of potential first dates for the user. | N/A | N/A |
| 15. Answer a prompt to an icebreaker question to get the conversation started between matches. | Answer prompt: | 7. | User | User must be logged in | **Actors actions:**  1. Select the messages tab  2. Choose the user that you wish to message.  3. Click on the “Icebreakers” button  5. Choose an icebreaker  6. Answer the icebreaker.  **System responses:**  4. Show a list of icebreakers that the user can choose from.  7. Send the icebreaker and the users answer to the selected recipient. | The answer to the icebreaker and the icebreaker are sent to the specified match. | N/A |