Requirement ID	Requirement description	Test case #	Test case description	Test data	Expected Result	Actual Result	Pass/Fail
REQ001	The user must enter a valid email, password, name, date of birth, and gender to create an account	TC01	Check response when user enters all information correctly	First name: Isabella Last name: Garcia Email: IsabellaGarcia@gmail.com Password: password Date of birth: 2000/12/02 Gender: Female	User successfully creates an account A new user account is created in database	User successfully creates an account A new user account is created in database	Pass
		TC02	Check response when user does not input email	First name: John Last name: Smith Email: Password: password Date of birth: 1995/05/02 Gender: Male	User shall be informed to fill out email text box	User is informed to fill out email text box	Pass
		TC03	Check response when user does not input first name	First name: Last name: Smith Email: JohnSmith@gmail.com Password: password Date of birth: 1995/05/02 Gender: Male	User shall be informed to fill out first name text box	User is informed to fill out first name text box	Pass
		TC04	Check response when user does not input last name	First name: John Last name: Email: JohnSmith@gmail.com Password: password Date of birth: 1995/05/02 Gender: Male	User shall be informed to fill out last name text box	User is informed to fill out last name text box	Pass
		TC05	Check response when user does not input password	First name: John Last name: Smith Email: JohnSmith@gmail.com Password: Date of birth: 1995/05/02 Gender: Male	User shall be informed to fill out password text box	User is informed to fill out password textbox	Pass
		TC06	Check response when user does not input date of birth	First name: John Last name: Smith Email: JohnSmith@gmail.com Password: password Date of birth: Gender: Male	User shall be informed to fill out date picker	User is informed to fill out date picker	Pass
		TC07	Check response when user does not input gender	First name: John Last name: Smith Email: JohnSmith@gmail.com Password: password Date of birth: 1995/05/02 Gender:	User shall be informed to select one of the options	User is informed to select one of the options	Pass
		TC08	Check response when user does not input a valid email	First name: John Last name: Smith Email: JohnSmith Password: password Date of birth: 1995/05/02 Gender: Male	User shall be informed that user did not input a valid email	User is informed that user did not input a valid email	Pass
REQ002	The user must not be able to create an account if their email already exists in the database	TC09	Check response when user enters an email that does not exist in database	First name: John Last name: Smith Email: JohnSmith@gmail.com Password: password Date of birth: 1995/05/02 Gender: Male	User successfully creates an account A new user account is created in database	User successfully creates an account A new user account is created in database	Pass
		TC10	Check response when user enters an email that does exist in database	First name: Isabella Last name: Garcia Email: IsabellaGarcia@gmail.com Password: password Date of birth: 2000/12/02 Gender: Female	User fails to creates an account and is informed that email is taken	User fails to create an account and is informed that email is taken	Pass
REQ003	The user must not be able to create an account if their age is under 18	TC11	Check response when user enters a date of birth that is over the age of 18	First name: Camila Last name: Bailey Email: CamilaBailey@gmail.com Password: password Date of birth: 1992/09/24 Gender: Female	User successfully creates an account U	User successfully creates an account	Pass
		TC12	Check response when user enters a date of birth that is under the age of 18	First name: Benjamin Last name: Jackson Email: BenjaminJackson@gmail.com Password: password Date of birth: 2005/04/24 Gender: Male	User fails to creates an account and is informed that they need to be 18+ to access the website	User fails to creates an account and is informed that they need to be 18+ to access the website	Pass

REQ	Requirement	TC	Test Description	Test Data	Expected Result	Actual Result	Status
		TC13	Check response when user enters a date of birth that is of the age of 18	First name: Benjamin Last name: Jackson Email: BenjaminJackson@gmail.com Password: password Date of birth: 2003/02/24 Gender: Male	User successfully creates an account	User successfully creates an account	Pass
REQ004	The user must be able to login to their account using their specified and valid email and password	TC14	Check response when user enters a valid email and password combination	Email: IsabellaGarcia@gmail.com Password: password	User successfully logs in to their account	User successfully logs in to their account	Pass
		TC15	Check response when user enters a valid email and incorrect password combination	Email: IsabellaGarcia@gmail.com Password: passwordddd	User fails to log in to their account	User fails to log in to their account	Pass
REQ005	The user must be informed if any of the login parameters are missing	TC16	Check response when user enters a valid combination value on the email text box and password textbox	Email: IsabellaGarcia@gmail.com Password: password	User successfully logs in to their account	User successfully logs in to their account	Pass
		TC17	Check response when user enters a value on the email text box and an empty value on password textbox	Email: IsabellaGarcia@gmail.com Password:	User shall be informed to fill out password text box	User is informed to fill out password textbox	Pass
		TC18	Check response when user enters a value on the password text box and an empty value on email textbox	Email: Password: password	User shall be informed to fill out email text box	User is informed to fill out email textbox	Pass
REQ006	The user must be able to input a profile picture, biography, location, preference, and at least 3 hobbies.	TC19	Check response when the user uploads a profile picture	Image file: Isabelle_pfp_1.jpg	User's profile picture is updated File is saved on local pfp folder name File name is stored on database	User's profile picture is updated File is saved on local pfp folder name File name is stored on database	Pass
		TC20	Check response when the user inputs a biography	Bio: Livin' a little.	User's bio is stored on database User's bio is displayed on bio textfield	User's bio is stored on database User's bio is displayed on bio textbox	Pass
		TC21	Check response when the user inputs a location	Location: Toronto, ON	User's location is stored on database User's location is displayed on location textbox	User's location is stored on database User's location is displayed on location textbox	Pass
		TC22	Check response when the user inputs their preference	Preference: Male	User's preference is stored on database User's preference is displayed on preference select box	User's preference is stored on database User's preference is displayed on preference select box	Pass
		TC23	Check response when the user inputs their hobbies	Hobbies 1: Programming Hobbies 2: Music Hobbies 3: Reading	User's hobbies is stored on database User's hobbies is displayed on hobbies select box	User's hobbies is stored on database User's hobbies is displayed on hobbies select box	Pass
REQ007	The user shall be able to edit their biography, location, preference, hobbies, and upload a new profile picture	TC24	Check response when the user uploads a new profile picture	Image file: Isabelle_pfp_2.jpg	User's profile picture is updated File is saved on local pfp folder name File name is stored on database	User's profile picture is updated File is saved on local pfp folder name File name is stored on database	Pass
		TC25	Check response when the user updates biography	Bio: Simple but significant.	User's bio is updated on database User's new bio is displayed on bio textfield	User's bio is stored on database User's new bio is displayed on bio textfield	Pass
		TC26	Check response when the user updates location	Location: Oshawa, ON	User's location is updated on database User's new location is displayed on location textbox	User's location is updated on database User's new location is displayed on location textbox	Pass
		TC27	Check response when the user updates preference	Preference: Female	User's preference is updated on database User's new preference is displayed on location textbox	User's preference is updated on database User's new preference is displayed on location textbox	Pass
		TC28	Check response when the user updates hobbies	Hobbies 1: Cooking Hobbies 2: Films Hobbies 3: Videogames	User's hobbies is updated on database User's hobbies is displayed on hobbies select box	User's hobbies is updated on database User's hobbies is displayed on hobbies select box	Pass
REQ008	The user shall only be able to match with people who share at least one hobby.	TC29	Check response when the user and test match have one hobby value as the same	Isabella's hobbies 1: Cooking Isabella's preference: Male John's hobbies 1: Cooking John's preference: Female	Isabella should match with John. Isabella should see John's profile card on the main page	Isabella matched with John. John's card is on Isabella's main page	Pass
		TC30	Check response when the user and test match have no hobby value as the same	Isabella's hobbies 1: Reading Isabella's hobbies 2: Anime Isabella's hobbies 3: Video games Isabella's preference: Male John's hobbies 1: Cooking John's hobbies 1: Films John's hobbies 1: Music John's preference: Female	Isabella should not match with John. Isabella should not see John's profile card on the main page	Isabella did match with John. Isabella does not see John's profile card on the main page	Pass
REQ009	The user must only be able to see matches who fit the user's preference	TC31	Check response when the user set preference to male	Preference: Male	User should only get matched and see users that are male	User only got matched with males and only see users that are male	Pass
		TC32	Check response when the user set preference to female	Preference: Female	User should only get matched and see users that are female	User only got matched with females and only see users that are female	Pass

REQ010	The user and the match must have the same preference	TC33	Check response when user with gender set to male and test match with gender set to male have preference set to male	John's gender: Male John's preference: Male John's Hobbies 1: Cooking Benjamin's gender: Male Benjamin's preference: Male Benjamin's Hobbies 1: Cooking	John should match with Benjamin as Benjamin's gender and preference matches with John's John should see Benjamin's profile card on his main page	John matched with Benjamin Benjamin's profile card is on John's main page	Pass
		TC34	Check response when user with gender set to male and test match with gender set to male have preference set to female	John's gender: Male John's preference: Female John's Hobbies 1: Cooking Benjamin's gender: Male Benjamin's preference: Female Benjamin's Hobbies 1: Cooking	John should not match with Benjamin as Benjamin's preference does not match with John John should not see Benjamin's profile card on his main page	John did not match with Benjamin Benjamin's profile card is not on John's main page	Pass
REQ011	The user shall be informed if there are no matches found.	TC35	Check response when user does not set hobbies	Isabella's hobbies 1: Isabella's hobbies 2: Isabella's hobbies 3:	Isabella should see the no match found card	Isabella's main pages loads the no match found card	Pass
		TC36	Check response when user has gone through all potential matches	Match or reject all profile cards on main page	User should see no match found card	User sees no match found card	Pass
		TC37	Check response when user does not share the same hobbies as any other user	Isabella's hobbies 1: Sports Isabella's hobbies 2: Weight Isabella's hobbies 3: Hunting	User should see no match found card	User sees no match found card	Pass
REQ012	A free user shall only see five matches on their screen	TC38	Check response in main page when free user share hobbies with more than 5 other users	Isabella's hobbies 1: Cooking Isabella's preference: Male Ajenthan's hobbies 1: Cooking Ajenthan's preference: Female Gajen's hobbies 1: Cooking Gajen's preference: Female Geththn's hobbies 1: Cooking Geththn's preference: Female Nahiyan's hobbies 1: Cooking Nahiyan's preference: Female John's hobbies 1: Cooking John's preference: Female Benjamin's hobbies 1: Cooking Benjamin's preference: Female	User should only see five cards. Benjamin's card should not be displayed on Isabella's main page	User sees only 5 profile cards. Benjamin's card is not displayed on Isabella's main page	Pass
REQ013	A free user must be informed that they can get more matches if they become a premium user	TC39	Check response when free user has matched or rejected all displayed matches	Free user's matched or rejected all 5 cards displayed.	A prompt should inform the user to get premium to see more matches	A prompt appears to inform the user to get premium to see more matches	Pass
REQ014	A premium user shall see all matches on their screen	TC40	Check response in main page when premium user share hobbies with more than 5 other users	Isabella's hobbies 1: Cooking Isabella's hobbies 2: Films Isabella's hobbies 3: Video games Isabella's isPremium: True Ajenthan's hobbies 1: Cooking Gajen's hobbies 1: Cooking Geththn's hobbies 1: Cooking Nahiyan's hobbies 1: Cooking John's hobbies 1: Cooking Benjamin's hobbies 1: Cooking	Isabella's should be matched with all users who share atleast one hobby with her. All profile cards that Isabella matches with should be displayed	Isabella's is matched with all users who share atleast one hobby with her. All profile cards that Isabella matches are displayed	Pass
REQ015	The user must be able to accept or reject a match	TC41	Check response when user presses the match button	Accept match button pressed on profile card	A prompt should inform that match request is sent to other user Match profile card is removed from user's main page	A prompt appears informing the match request is sent Match profile card is removed from user's main page	Pass
		TC42	Check response when user presses the reject button	Reject match button pressed on profile card	Match profile card is removed from user's main page	Match profile card is removed from user's main page	Pass