

Test Case	User Story	Scope	Purpose	Description	Input(s)	Expected Output(s)	Test Type (Normal / Abnormal / Boundary)	Test Type (Blackbox / Whitebox)	Test Type (Functional / Performance)	Test Type (Unit / Integration)
0	1	Front-end	To ensure that user matches are properly displayed	Match data received by the front-end should be displayed to the user.	Test match data	Legible and accessible UI displaying match data	Normal	Blackbox	Functional	Unit
1	1	Integration	To ensure the application remains responsive while loading match data	While loading user matches from the server, a visual loading animation should be displayed, and the user should still be able to interact with the UI.	Call to server for matches	While searching: responsive UI	Normal	Blackbox	Performance	Integration
5	1	Integration	To ensure match data received by front-end can be utilized properly	Retrieved match data should be in the format as expected in the front-end.	Meetify user	.json of user match data	Normal	Blackbox	Functional	Integration
10	2	Integration	To ensure intersect data received by front-end can be utilized properly.	Retrieved intersect data should be in the format as expected in the front-end	Two Meetify users with linked Spotify accounts	.json of intersected songs data	Normal	Blackbox	Functional	Integration
3	2	Back-end	To ensure all matching liked songs are added to created playlist	Intersection should find all matching liked songs.	Two Spotify users (using UserID)	Playlist of all common songs	Normal	Blackbox	Functional	Unit
4	2	Front-end	To ensure intersect data is properly displayed	Front-end should display test songs from server upon clicking "Intersect".	Intersecting song data	Songs are displayed in UI	Normal	Blackbox	Functional	Unit
6	3	Integration	To ensure the database knows when users want to match with eachother.	On the Meet tab, the "Match" button should send the appropriate server signal to indicate a match	Current UserID; match UserID	Updated record in DB	Normal	Whitebox	Functional	Integration
7	3	Integration	To ensure the user can contact other users they have matched with.	Front-end should display chat sessions with all existing server matches.	Server call	List of active chat sessions.	Normal	Blackbox	Functional	Integration
8	3	Integration	To ensure users can not contact users who have not agreed to communication.	Front-end should NOT display chat sessions with users if BOTH users have not accepted the match or if one of the users has unmatched with the other.	Server call	List of active chat sessions.	Abnormal	Blackbox	Functional	Integration
9	3	Back-end	To ensure the information can be properly displayed by the front-end.	Retrieved messaging data from the server should be in the same format as expected in the front-end	ConversationUid	.json of message data	Normal	Blackbox	Functional	Unit
11	4	Front-end	To ensure that users can view profiles via the "Meet" page	When test data is loaded, matches on the "Meet" page should have open-able "profile" area	Server call to obtain profile data	User profile is displayed	Normal	Blackbox	Functional	Unit
12	4	Front-end	To ensure that users can view profiles via the "Chat" page	When test data is loaded, matches on the "Chat" page should have an open-able "profile" area	Server call to obtain profile data	User profile is displayed	Normal	Blackbox	Functional	Unit
13	4	Back-end	To ensure that profile data is accessible to users once they are matched	Once matched, profile data is sent from one user to the other	Meetify user	.json of profile data to be used by front-end	Normal	Blackbox	Functional	Unit
14	4	Integration	To ensure that users can view each others profiles once matched	Retrieved match data from the server should be in the same format as expected in the front-end	Once matched, open "profile" area	Profile with all requested data	Normal	Blackbox	Functional	Integration
15	5	Back-end	So that users can match with people they are able to meet in person.	Matches should be filtered on proximity, if opted for.	Meetify user	.json of user match data within radius	Normal	Whitebox	Functional	Unit
16	6	Back-end	Developers can view debug data to determine if matching algorithm is accurate	Match data should be outputted to developers for analysis	Two Spotify users	.json of user match data, formatted specifically for devs	Abnormal	Whitebox	Functional	Unit
2	N/A	Integration	To ensure no server interaction takes too long	While loading any server data, the app should timeout after some amount of time and cancel the operation	Call to server	No return	Abnormal	Blackbox	Performance	Integration