**Testing**

**Testing stage – MVP**

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| Test ID | Test Type | Test Date | Expected Outcome | Actual Outcome | Test Status | Evidence | Fix implementation | Fix Status |
| WB1.1 | White box | 10/3/22 | Error message shows if fields not filled in on sign in form submit | Error message shows for a few seconds and is replaced by Firebase error message | Pass (needs modification) | Video | Carried over to first prototype testing - Test WB2.29 | False |
| WB1.2 | White box | 10/3/22 | Error message shows if fields not filled in on sign up form submit | Error message shows for a few seconds and is replaced by Firebase error message | Pass (needs modification) | Video | Carried over to first prototype testing - Test WB2.30 | False |
| WB1.3 | White box | 17/3/22 | New user added to Firebase Authentication after successful form submit on sign up | New user credentials added to Firebase Authentication after successful form sign up | Pass | Screenshots | N/A | True |
| WB1.4 | White box | 17/3/22 | Firestore database updated with new 'users' collection and associated document props | Firestore database updated with new 'users' collection and associated document props | Pass | Screenshots | N/A | True |
| WB1.5 | White box | 17/3/22 | Email and password input fields cleared after user Firebase sign up submit | Fields not cleared | Fail | Video | Carried over to first prototype testing - Test WB2.31 | False |
| WB1.6 | White box | 17/3/22 | Submit button disabled on click during submit to Firebase | Sign up button shows signing in status | Pass | Video |  | True |
| WB1.7 | White box | 22/3/22 | Profile UI dynamically updates with Firebase user doc fields for username and email | Profile UI dynamically updates with Firebase user doc fields for username and email | Pass | Screenshot | N/A | True |
| WB1.8 | White box | 23/3/22 | Firebase query object queries all users besides current (self) user to display all but self-user in user list | All peer users from Firebase 'users' collection are displayed in user list panel with exclusion of self-user | Pass | Screenshots | N/A | True |
| WB1.9 | White box | 19/3/22 | Default message shows in chat window if no user selected | Default message shows in chat window if no user selected | Pass | Screenshot | N/A | True |
| WB1.10 | White box | 19/3/22 | Default message removed and selected user's username displayed as heading in chat window when a user is selected from user list | Default message removed and selected user's username displayed as heading in chat window when a user is selected from user list | Pass | Video | N/A | True |
| WB1.11 | White box | 19/3/22 | 'chats' doc created in Firestore database and stores chats | 'chats' doc created in Firestore database and stores chats | Pass | Screenshots | N/A | True |
| WB1.12 | White box | 23/3/22 | Firestore database chats document name created from combination of self and peer user id's | Firestore database chats document name created from combination of self and peer user id's | Pass | Screenshots - showing ids in auth doc and joined id's in chats doc | N/A | True |
| WB1.13 | White box | 23/3/22 | Two collections created in Firestore database - parent (chats) and sub doc (messages) each time a new chat is created | Two collections created in Firestore database - parent (chats) and sub doc (messages) when new chat initiated | Pass | Video | N/A | True |
| WB1.14 | White box | 23/3/22 | Messages aligned to left or right side of viewport depending on whether from self or friend user | Messages all aligned to left regardless of whether from self-user or peer user | Fail | Video | Carried over to first prototype testing - Test WB2.1 | False |