**Use Case 1 – Search and Challenge Player**

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| Line # | User Action | System Action |
| 1 | Enter Player Name/Username | -- |
| 2 | Click Search | System displays Member information (name, username, and rating) |
| 3 |  | System displays members who are online with their information |
| 4 | Click Challenge | System sends a challenge invite to the selected player |
| 5 | Click notification alert | System displays player’s challenge invitation |
| 6 | Accept Challenge (Select “Yes”) | System displays Chess Master on the screen |
| 7 | End Use Case |  |
| 1.1 |  | System detects data entry error |
| 1.2 |  | System displays a message to the user |
| 1.3 | User enters correct name or username | Control returns to line 1 |
| 6.a | Player rejects challenge request | System displays a message to the user |
| 6.b |  | Control returns to line 1 |

**Use Case 2 – Select Topic or Create New Thread and Post Comments on Forum**

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| --- | --- | --- |
| Line # | User Action | System Action |
| 1 | Search existing topic | -- |
| 2 |  | System displays existing threads on the forum |
| 3 | Select existing topic/thread | System displays threads and comments within the threads |
| 4 | Click Reply | System displays a text box for players to post a new comment |
| 5 | Click Post New Thread | -- |
| 6 |  | System displays a text box for the user to post a new thread within the existing topics |
| 7 | Player creates a new thread | System saves records/posts |
| 8 | End Use Case |  |
| 1.1 |  | System detects topic search does not exist |
| 1.2 |  | System displays a message to user to create a new thread |
| 1.3 |  | Control returns to line 5 |