**Conversation Protocol**

**$100#param1#param2$**

\*$ - start and finish message

\*# - start of new parameter

\*100 – Example of message code

|  |  |  |  |  |
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| **Code** | **source** | **dest** | **explanation** | **example** |
| 400 | server | client | Socket accepted | "$400$\n" |
| 100 | client | Server | Enroll training | "$100#1234#omri\_zaiman$\n" |
| 101 | server | Client | Enrollment accepted | "$101$\n" |
| 102 | server | Client | Enrollment not accepted | "$102#invalid\_player\_name$\n" |
| 200 | Client | Server | Get available trainings list | "$200$\n" |
| 201 | Server | Client | Provide available trainings list | "$201#1234,25.2.2020,13:40,Goshen$\n" |
| 250 | Client | Server | Get the player's nearest Training | "$250#ofir\_shapira$ |
| 251 | Server | Client | Provide the Player's nearest Training and details | "#251#1234,25.2.2020,13:40#matan\_hof,omri\_zaiman$\n" |
| 252 | Server | Client | There isn't any upcoming training | "$#252$\n" |
| 300 | Client | Server | Get teams by ID | "$300#1234$\n" |
| 301 | Server | Client | Provide teams for specific training | "$301#[omri,matan]#[ofir,roy]$\n" |
| 302 | server | Client | Teams are not built yet | "$302$" |
| 350 | Client | Server | Get all players by training id | "$350#1234$\n" |
| 351 | Server | Client | Provide players by Id | "$351#matan#omri#ofir#roy$\n" |