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| --- | --- |
| Generate World Contract |  |
| Name | Generate World |
| Responsibilities | Build a game world based on the given parameters |
| Type | System |
| Pre-conditions | * User has logged in * User is not on a mobile device * User has selected to create a world * User has entered the minimum data (size, type) * *Optional*: User has entered the advanced game options (enemy difficulty, resource level). |
| Post-conditions | The game world has been generated on the server and the player can play in it and invite other players to join. |

|  |  |
| --- | --- |
| Invite Player to World Contract |  |
| Name | Join Game |
| Responsibilities | User has logged in |
| Type | System |
| Pre-conditions | * User has logged in * User has created a game world or has been invited to an existing game world |
| Post-conditions | User can play the game |