UC6-1: Use Case: Picking up Gold coins

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UC6-3: Date: 8-NOV-16

UC6-4: Purpose: Moves to gold coin to collect it.

UC6-5: Overview: The player moves to a tile with a gold coin on it. The server responds that the gold coin in no longer in its previous position, it increments player’s gold coin collection and moves the player to the location of the coin. The client updates the dungeon graphical representation.

UC6-6: Cross References: R5.2

UC6-7: Actors: Player

UC6-8: Pre-condition:

UC-6-Pre-1: The player must be in a dungeon (i.e. not in the menu)

UC-6-Pre-2: The player should be one unit away from the gold coin.

UC6-9: Post-condition:

UC-6-Post-1: The player’s gold coin collection is incremented.

UC-6-Post-2: The player moves to the updated location.

UC-6-Post-3: The client updates the dungeon graphical representation.

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| **Actor Actions** | **Client System Actions** | **Server System Actions** |
| 1. Player begins to move to a gold coin. |  |  |
|  | 1. The client sends a request to the server. |  |
|  |  | 1. The server receives the request. |
|  |  | 1. The server validates the action. |
|  |  | 1. The server increments player’s gold coin collection. 2. The server updates gold coin location. 3. Sends response |
|  | 1. Receives and parses the response 2. Updates the graphical representation. |  |
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UC6-10: Exceptional flow of events: Same as UC5-11