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| General Information | |
| Use Case Number : P-025  Use Case Name : Save Hero Snapshot  Subject Area : Profile  Description : User wants to save a hero build snapshot | Responsible Analyst : Alex Carlson |

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| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 2C | The database shall store a list of the user’s heroes. |

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| Revision History | | |
| Author | **Date** | **Comments** |
| Alex Carlson | 10/21/2015 | First Draft |

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| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |

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| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Registered User | Person | The currently logged in user |

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| **Pre-Conditions** | |
| # | Description |
| 1 | The user’s profile must have been created |
| 2 | The hero must have been added previously |
| 3 | The user is on the View Profile page |

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| **Start Stimulus** |
| User clicks on “Save Snapshot” button |

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| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | System retrieves hero information |  | 8 |
| 2 | System adds hero build snapshot |  | 8 |
| 3 | System displays newly added hero view page |  | 2 |

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| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| System can’t contact Blizzard API | System notifies user to try again later |  |

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| Post-Conditions | |
| **#** | **Description** |
| 1 | Hero build snapshot added |

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| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| User | Stores the login information for the system | Username, password, email |
| Profile | Holds battle.net and hero information | Name, Battletag, list<hero> |
| Hero | The container for the hero’s information | Name, Attributes, Skills, Equipment |

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| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
|  | N/A |  |  |  |  |

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| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
|  | N/A |  |  |  |  |

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| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |

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| Frequency of Execution |
| **Frequency:**  Minimum: 1 Maximum: 20 Average: 2 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
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| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 1,2 | Seconds | 0.5 | 2 | 10 |  |

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| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 2 | 4 | Kbytes | 1 | 5 | 20 |  |