Use Case Description – Session Management

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| **Name** | Session Management |
| **Description** | Manager logins in, selects a session from the list and is presented with multiple options including but not limited to: add, delete, update & save. |
| **Actors** | Manager |
| **Pre-Conditions** | * Manager login screen open * Active internet connection for database connection |
| **Flow** | 1. System prompts for username and password 2. Manager inputs username 3. Manager inputs password and clicks login 4. System authenticates the manager 5. System presents the manager with a new window 6. Manager selects slope from the panel 7. System retrieves information regarding the selected slope 8. System displays the information 9. Manager selects options 10. Manager makes changes 11. Manager clicks ‘Save’ 12. System saves to the database 13. System displays confirmation 14. Manager logs out 15. System confirms logout 16. System displays log in window |
| **Alternate Flow** | * Manager may not have been authenticated * Database connection may crash * Manager forgets to save * Concurrency write error between updating and deleting a session * Manager forgets to log out * System fails to retrieve information * Multiple managers logged in at once |
| **Exception Flow** | * Manager inputs incorrect username * Manager inputs incorrect password * Database connection fails * Save failure * Read failure * Updated failure * Add failure * Database doesn’t exist |
| **Post-Conditions** | Manager has logged out |
| **Assumptions** | Manager knows login information |