### Use Case: 01

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| **Name** | **UC-1: Create an Account** |
| **Summary** | An account is created, a user’s information is stored, and the user’s session is opened. |
| **Users** | All users |
| **Preconditions** | The user has entered the website’s URL and is on the main page of the application |
| **Basic Course of Events** | 1. The user clicks on the “Sign Up” button on the main page. 2. A pop-up appears asking the user for his/her username and password. 3. The user enters his/her username and password. 4. The user clicks the “Sign Up” button at the bottom-left-hand corner of the pop-up. 5. The information is validated. 6. An account is created and added to the server’s database. 7. Another dialog appears telling the user that the account was created successfully. 8. The user closes the dialog and is directed to his/her dashboard. |
| **Alternative Paths** | 1. In step 3, if the user does not want to create an account, he/she clicks on the “Cancel” button at the bottom of the screen and he/she is taken back to the main page. 2. In step 5, if the user does not provide valid information or leaves the fields empty, he/she is asked to redo step 3, ensuring that the information was valid.    1. If he/she chooses a username that already existed, he she is prompted to choose a different username.    2. If he/she chooses a password that was less than 10 characters and did not contain an uppercase letter, a lowercase letter, a number, and at least one symbol, he/she is shown the password’s requirements. |
| **Post Conditions** | The user may view his/her dashboard to manage his/her winter gear. |