**Project Requirement**

**Beat Me**

CS 157A - TEAM 1

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**CS 157A - [Section 01]**

1. **Non-Functional issues**

**4.1 Security**

* The user account will be password protected.
* The user’s login information will be stored as hashed and salted in the database. This prevents the user’s credentials from being used in case the database is breached.
* *Beat Me* website will implement with the SQL injection prevention method.

**Access Control**

      - A user will only be able to see and update his/or her product tracking list associated with their account.

**Graphical User Interface (GUI)**

* Our GUI will aim to maximize the ease of use for the user. The user will be able to see the list of products they are tracking. It describes as columns of name, current price, desired price, and the price difference of the present and wanted price.
* The user can sort the list based on each of the columns in ascending or descending order. We will also have a field at the top of the page to enter/paste in a new product link, which will then prompt the user to enter the desired price for the product. We will have a few pre-calculated values based on the current product price allowing ease of setting the desired price, for example, 10%, 20%, 50% off the current price.