VoteMash: A Voting Application

The voting application is called VoteMash. All the features implemented are mentioned below.

1. Editing
Navigation: Home → (Choose 'Edit' from the list) → Continue

1.1. Create new category
Navigation: Home → (Choose 'Edit' from the list) → Continue →(Enter name in the textbox labeled 'Create new category:') → Create

Description: Creates a category with the name provided in the text box. The system displays error if the name is blank, contains only whitespaces or a category with the same name is already present for the logged-in user.

1.2. Delete category
Navigation: Home → (Choose 'Edit' from the list) → Continue → (click on 'X' beside the category to delete from the list)

Description: Deletes the desired category for the logged-in user. If no category is present, the corresponding message is displayed.

1.3. Rename category
Navigation: Home → (Choose 'Edit' from the list) → Continue → (Select category from the shown list) → Edit → (Enter new name in the text box of the category) → Rename

Description: The feature allows to rename the chosen category. Enter the name in the textbox provided and click on "Rename". The system displays an error if the name is blank, contains only whitespaces or a category with the same name is already present for the logged-in user.

1.4. Add new item
Navigation: Home → (Choose 'Edit' from the list) → Continue → (Select category from the shown list) → Edit → (Enter name in the textbox labeled 'Create New Item:') → Create.

Description: Creates a new item in the chosen category. The system displays error if the name is blank, contains only whitespaces or an item with the same name is already present in the chosen category for the logged-in user.

1.5. Rename item
Navigation: Home → (Choose 'Edit' from the list) → Continue → (Select category from the shown list) → Edit → (Enter new name in the text box of the item to rename) → Rename

Description: The feature allows to rename the desired item . Enter the name in the textbox provided for the item to be renamed and click on "Rename". The system displays an error if the name is blank, contains only whitespaces or an item with the same name is already present int eh chosen category for the logged-in user.

1.6.   Delete Item

Navigation: Home → (Choose 'Edit' from the list) → Continue → (Select category from the shown list) → Edit → (click on 'X' beside the item to delete from the list)

Description: Deletes the desired item from the chosen category for the logged-in user. If no category is present, the corresponding message is displayed.

1.7.   Export category

Navigation: Home → (Choose 'Edit' from the list) → Continue → Export Categories → (select user from the list) → (choose a category to export from the list) → Export

Description: Exports chosen category, along with the corresponding items (if any), in the form of XML. The user of the system is asked whether to save the XML file on their machine.

1.8.   Import category (Basic + Advanced features)

Navigation: Home → (Choose 'Edit' from the list) → Continue → Import Categories → Choose File → Import

Description: Imports category along with its items, if any. The file to be imported is expected to be in XML format. The system displays error if no file is chosen and "Import" button is clicked, the file is blank, the file is not a valid XML file or the file does not contain the tags in the desired format.

If the name of the category in imported file does not conflict with the existing category for the logged-in user, then the new category with the new name is created and all the items are added under the newly created category.

If the category name or item name in the imported file are blank, then the corresponding error message is displayed.

If the name of the category in imported file conflicts with the existing category for the logged-in user, the common items are not affected, new items are added, old item not present in the imported file are deleted along with their voting data.

2. Voting

Navigation: Home → (Choose 'Vote' from the list) → Continue → (select a user from the list) → Continue → (Select a category from the list, if available) → Select → (Select one item from the list of 2 items) → Vote

Description: Allows to vote on items in the chosen category of a chosen user. 2 random items from the chosen category are displayed. The user of the system can select one of them and vote for it. After voting, a message is displayed saying which category the user voted for and for which category the user voted against. Also the total positive votes for these 2 items are displayed. The user can also skip the voting for current items. In this case, 2 new random items are displayed to vote.

The system displays an error message if there are not enough items (i.e. less than 2 items) in the chosen category.

3. See Results

Navigation: Home → (Choose 'See Results' from the list) → Continue → (select a user from the list) → Continue → (Select a category from the list, if available) → Select

Description: The results page shows the leader board for the chosen category of the chosen user. The table lists all the items ordered according to positive votes they obtained, ordered in decreasing order.

4. Search (Advanced feature)

Navigation: Home → (Choose 'Search' from the list) → Continue → (Enter keywords in the textbox labeled 'Enter keywords:') → Search

Description: The system searches for the entered keywords for items or categories created by any user in the system. The system does case insensitive and substring match for the category name or the item name. The search result is in the form of table showing 'Item Name', 'Category' and 'User' who created those items and categories. If the keywords match the category name, the corresponding item name is blank in the search result table.

The system displays error if no item name or category name matches the given keywords.