

AgroFlora Procedures and Stored Procedures

- **Stored Procedures:**

- Search_customer: Checks if the username of the customer already exists in the database
- Search Retailer: Checks if the username of the retailer already exists in the database
- Get Retailer: Returns the ID of the retailer from the username searched.
- Get_popular_products: Selects the top three products based on the rating.
- Get_newr_products: Selects the top three products based on the date added.
- Admin_signin: Takes the username and password and searches for the specific admin in the database
- Reatiler_signin: Takes the username and password and searches for the specific retailer in the database
- Customer_signin: Takes the username and password and searches for the specific customer in the database
- Customer_signup: Takes the data of the customer and inserts a new row in the table "customer"
- Retailer_signup: Takes the data of the retailer and inserts a new row in the table "retailer"
- Get_product_category: Returns the products based on the category passed
- Get_product: returns the product information based on the ID passed.
- Search_product: returns the product based on the "product name"
- Get_customer: returns the customer based on the "user name"
- Get_Retailer: returns the retailer based on the "user name"
- Get_Admin: returns the admin based on the "user name"
- Purchase_history: Takes the customer username and returns all of the products bought by him

- Sale_history: Takes the retailer username and returns all of the products uploaded by him
- Edit_customer: Edits the information of the customer
- Edit_retailer: Edits the information of the retailer
- Edit_admin: Edits the information of the admin
- Get_current_products: Returns the current products of a specific retailer
- Get_removed_products: Returns the removed product of a specific retailer
- Remove_product: removes a product by setting its status as 0
- Restore_product: restores a product by setting its status as 1
- Add_product: Adds a new product to the database
- Add_purchase: Inserts a new row to the purchase table
- Get_stock: returns the current stock of a product and includes an additional **Transaction** to ensure there are no conflicts
- Update_Stock: Updates the stock of a product and includes a **Transaction** to avoid conflicts
- Get_ratings: Returns the ratings of a specific product
- Unrated products: returns the products bought by a customer that are not rated yet
- Rate_product: Allows the user to rate a specific product that have not being rated before and Includes a **transaction** to avoid conflicts

- **Transactions:**

- Get_stock: returns the current stock of a product
- Update_Stock: updates the stock of a specific product
- Get_ratings: Returns the ratings of a specific product
- Rate_product: Allows the user to rate a product that have not been rated by him before