

# KeyKiosk

**Supervisor:** *LÊ THANH NHÂN*

**Semester:** *II*

**Batch No:** *T5.2306.E1*

**Group No:** *01*

Order:	Full name	Roll No.
1.	Nguyễn Tiến Đạt	Student1477469
2.	Nguyễn Thanh Hậu	Student1477167
3.	Phạm Tuyên	Student1477478
4.	Nguyễn Hoàng Thái	Student1479454

*Month: 04 Year: 2024*

This is to certify that

**Mr. NGUYỄN TIẾN ĐẠT**

**Mr. NGUYỄN THANH HẬU**

**Mr. PHẠM TUYỀN**

**Mr. NGUYỄN HOÀNG THÁI**

Have successfully Designed & Developed

**KEYKIOSK**

Submitted by:

**Mr. LE THANH NHAN**

Date Of Issue:

Authorized Signature:

# Content

Content

Acknowledge

Synopsis

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# Acknowledge

As we understand that the Project is a step-by- step learning environment that closely simulates the class-room and Lab based learning environment into actual implementation. It is a project implementation at your fingertips!! An electronic, live juncture on the machine that allows you to.

- ✓ Practice step by step i.e. laddered approach.
- ✓ Build a larger more robust application.
- ✓ Usage of certain utilities in applications designed by the user.
- ✓ Single program to unified code leading to a complete application.
- ✓ Learn implementation of concepts in a phased manner.
- ✓ Enhance skills and add value.
- ✓ Work on real life projects.
- ✓ Give a real life scenario and help to create applications more complicated and useful.
- ✓ Mentoring through email support.

We would like to send a great thank you to our professor and other students for the adorable support during the time in the project.

Beside several mistakes we had made in the project, we hope to have more opportunities to widen our knowledge in the web developing world.

We also thank you so much for your information and the “demo” project from India APTECH to help us get more reality experience in this project. Since we have gained more experience from this project, we will not stop learning anything as much as we can to be more successful in the future.

Your Sincerely,

Team Group 01.

# Synopsis

The Objective of this program we aim is to give a sample project to work on real life projects. These applications help us build a larger more robust application.

The objective is not to teach us front-end or back-end technology but to provide us with a real life scenario and help us create basic applications using the tools.

Hence, we can revise the chapters before we start with the project.

This project is meant for students like us who have completed the module of

Semester II, as well as special subjects those are Java and C#. These programs should

be done in the Lab sessions with assistance of the faculty if required.

The website (in this project) is a world that brings everything about the software account into your experience.

It is very essential for us that will have a clear understanding of the subject. We

think we should go through the project and solve the assignments as per requirements

given.

# **Review 01**

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 1 of 48

## Problem Definition

In the digital era, the landscape of online services and entertainment platforms has expanded significantly, leading to increased demand for account-based trading. This trend has fueled interest in developing software solutions that support account management across various platforms such as Netflix, Spotify, Zoom, and even AI chat services such as ChatGPT.

The current challenge revolves around creating a software solution called "KeyKiosk", designed to facilitate secure and efficient account management. This requires the development of a JavaFX application that provides users with a platform to manage accounts for various online services.

Based on the needs outlined in the Project Overview, we design an application that will provide the following key features and functions:

Admin:

- ✓ Account Management (System account statistics management)
- ✓ Categories (Product category management)
- ✓ ProductTypes (Product type management)
- ✓ Products (Product Management)
- ✓ SoftwareAccount (Software account management)
- ✓ SoftwareLicenseKey (Activation key management)
- ✓ Orders (Order management)
- ✓ Dashboard (Sales statistics)
- ✓ Login/Register
- ✓ Logout.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Customer Requirements Specifications	<b>SWD/Form</b> No.02/CRSVer1.0
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# Customer Requirements Specifications

## I. CRS/Requirements Specifications

### Seller Undertaken:

1. List of inputs to the system
  - *Register customer data.*
  - *Product data.*
  - *Order data.*
2. List of outputs expected from the system
  - *Processing customer data registration.*
  - *Processing product data.*
  - *Search products from the database by category, product type...*
  - *Processing customer orders.*
3. Overview of processes involved in the system
  - *Notification of customer information registration results.*
  - *Display product information.*
  - *Notify the order of results.*
  - *Results of adding new product.*

### Admin/Project Undertaken:

1. List of inputs to the system
  - *Account role data.*
2. List of outputs expected from the system
  - *Processing data and accounts*
3. Overview of processes involved in the system
  - *Employee account role information.*

### Hardware and software required for implementing the project

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<b>Date</b>		



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- 1. *Operating system: Windows 10 higher.*
- 2. *Hardware: CPU core with RAM 2 Gigabytes or more.*
- 3. *Unicode fonts: Arial, Tahoma, Lucida Console, Times New Roman, etc.*
- 4. *Other requirements: Active internet connection*

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## II. CRS/Customer Acceptance Criteria

S.No	Customer's Acceptance Criteria
1	Given Administrator:
2	+ When managing accounts, then they can view, add, edit, delete an account from the list
3	+ When managing product categories, then they can view, add, edit, delete a product category from the list
4	+ When managing product types, then they can view, add, edit, delete a product type from the list
5	+ When managing products, then they can view, add, edit, delete a product from the list
6	+ When managing software activation keys, then they can view, add, edit, delete an activation key from the list
7	+ When managing banking transactions, then they can view, add, edit, delete a banking transaction from the list
8	+ When managing the dashboard, then they can view sales statistics
9	Given Customer:
10	+ When adding products to the cart, then they can add selected products to their shopping cart

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	Project Group No:01	LE THANH NHAN
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<b>Date</b>		

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### III. Project Plan

#### 1. Project Details

##### + 1. Project Details

Name of the Client: KeyKiosk

##### + Date of Project Plan:

13/04/2024

##### + Project Vision/Objectives: Keykiosk

To modernize Keykiosk operations, enhancing efficiency in internal management and external transactions. Keykiosk requires a Desktop Application to oversee staff accounts with specific roles and manage customer lists along with their orders.

##### + Scope:

The Desktop application for Keykiosk includes all necessary algorithms and data to provide administrators with specific roles access to the list of customers and products. Additionally, it also features functionality for placing orders to purchase products through the application. This encompasses complex data related to other data sources.

##### + Our understanding of the client organization:

KeyKiosk is one of the leading businesses in Asia. Their field of operation includes trading and supplying a variety of online accounts across multiple platforms. These services are utilized not only by individual users but also by other organizations in the process of creating and managing accounts.

##### + Project Organization with Responsibilities and Authorities:

- *Project Team Leader (PTL)*

#### 2. Project Initiation/Requirement Documents

- *Design Documentation*

- *Installation Guide*

- *User Guide*

#### 3. Deliverables

- *Design Documentation*

- *Installation Guide*

- *User Guide (include of maintenance Manual)*

- *Source Code*

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<b>Date</b>		

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#### 4. Project Dependencies

- *New technology by JavaFX*

#### 5. Major Project Milestones

- *Review 01*

- *Review 02*

- *Review 03*

#### 6. Quality Plan

+ Review Activities:

- *Review meeting*

- *Development meeting*

+ Testing Activities:

- *Final meeting*

+ Backup and recovery strategies:

+ Review Activities:

- *Review meeting*

- *Development meeting*

+ Testing Activities:

- *Final meeting*

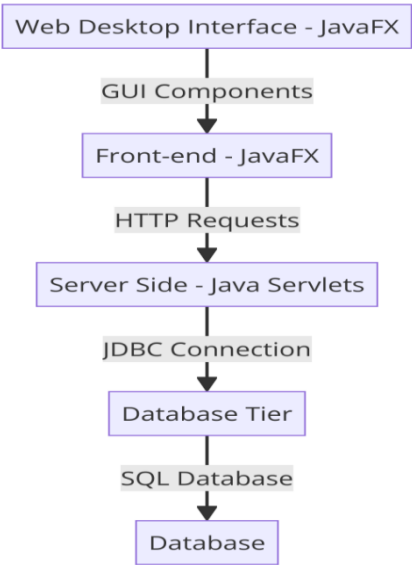
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<b>Signature</b>		
<b>Date</b>		

## **Review 02**

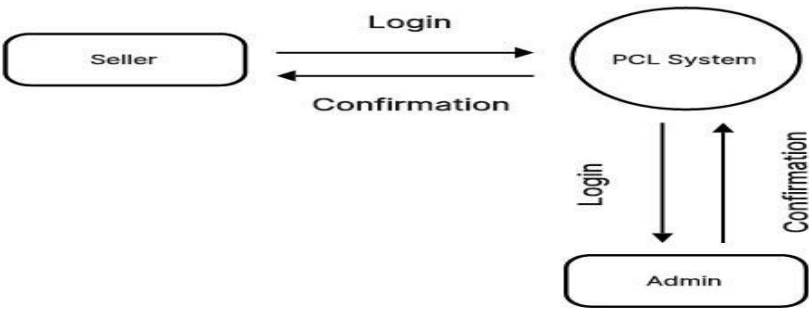
<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Architecture and design of the Application	<b>SWD/Form</b> No.03/ARD/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 8 of 48

# Architecture and design of the Application

## I. Application Architecture



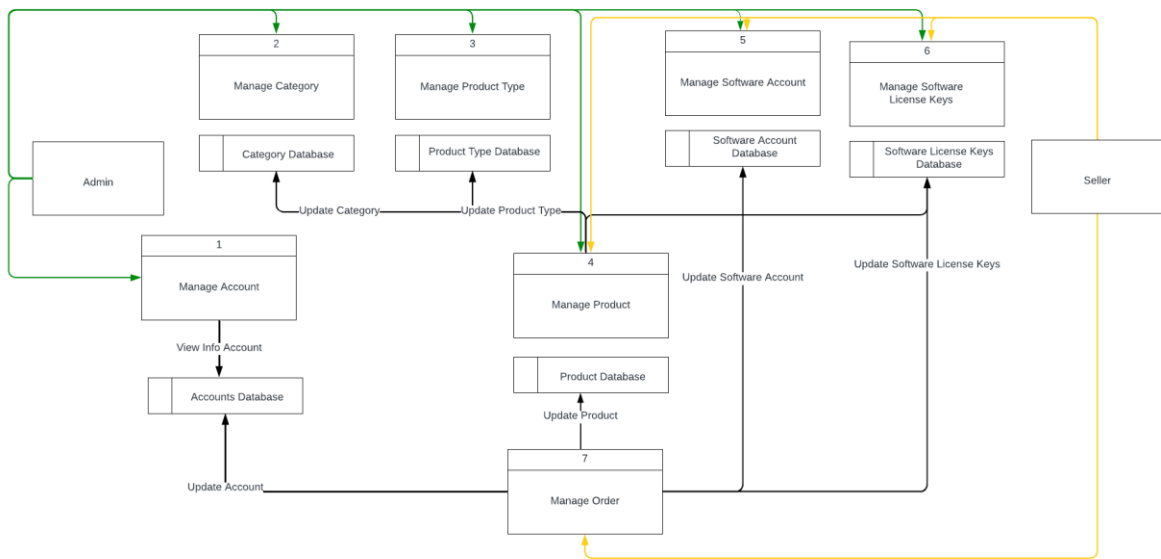
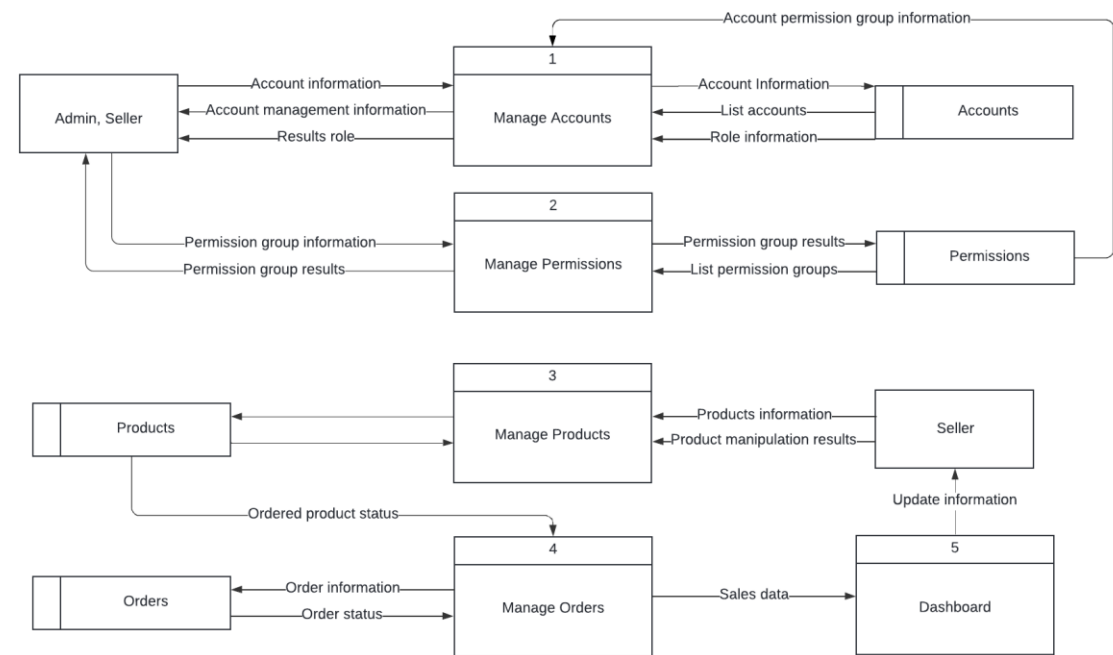
## II. Data Flow Diagram



Level 0

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<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Architecture and design of the Application	<b>SWD/Form No.03/ARD/Ver1.0</b>
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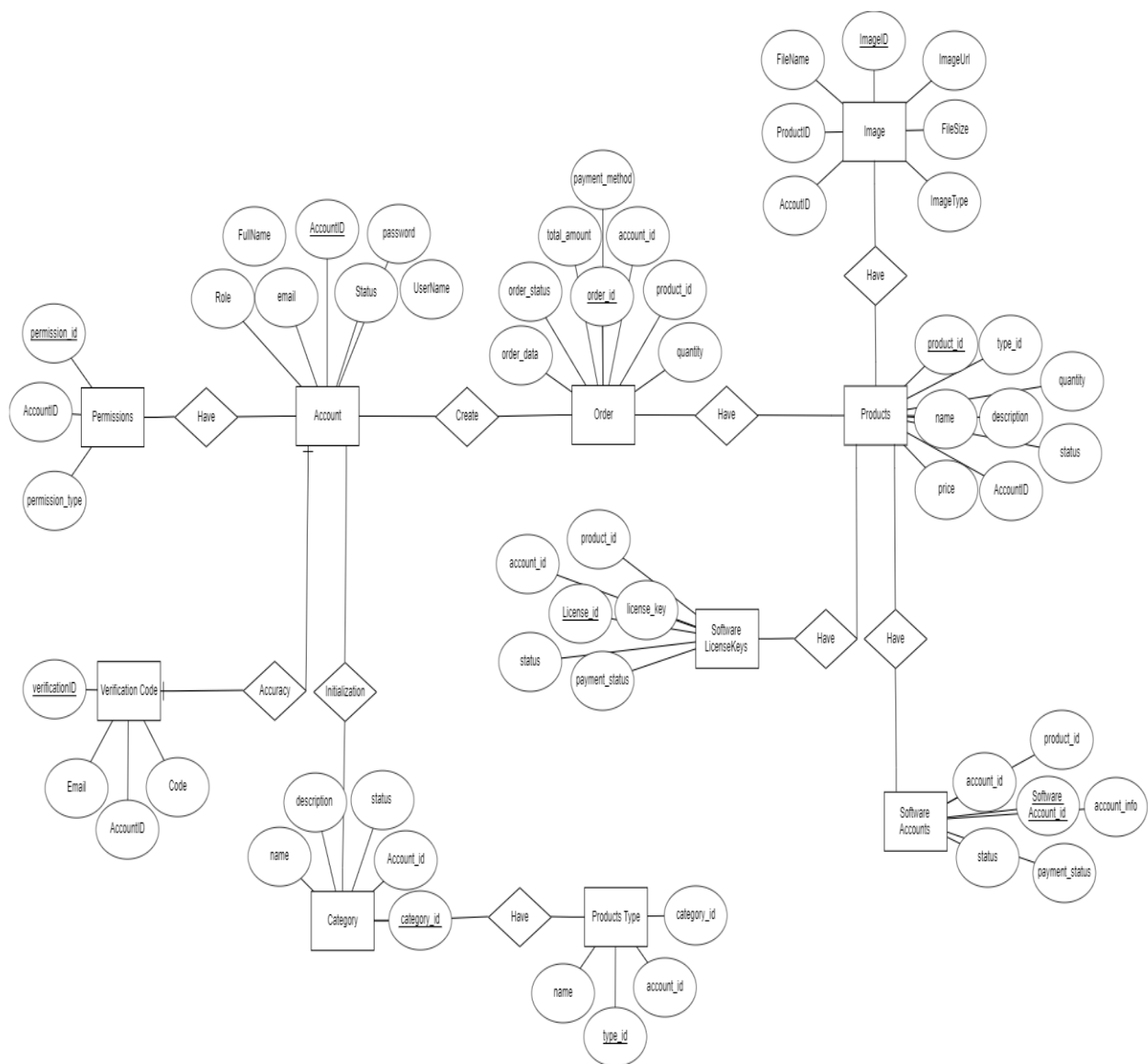


	<b>Prepared by (Student)</b> <b>Project Group No:01</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Entity Relationship Diagram	<b>SWD/Form No.04/ERD/Ver1.0</b>
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# Entity Relationship Diagram

## I. ERD



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<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Table Design	<b>SWD/Form</b> No.05/TAB/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 11 of 48

# Table Design

## I. Table Design

Table: Accounts					
#	Fields	Data type	Keys	Constrains	Description
1	account_id	bigint	Primary key	Not null	Account ID
2	username	varchar(255)		Not null, Unique	Username
3	password_hash	varchar(255)		Not null	Password
4	email	varchar(255)		Not null, Unique	Email address
5	full_name	varchar(255)		Not null	Full name
6	role	enum		Not null	Account role
7	status	enum		Not null	Account status
Table: Categories					
#	Fields	Data type	Keys	Constrains	Description
1	category_id	bigint	Primary key	Not null	Category ID
2	account_id	bigint	Foreign key	Not null	Link to Accounts
3	name	varchar(255)		Not null	Category name
4	description	text			Category description
5	status	enum		Not null	Category status
Table: ProductTypes					
#	Fields	Data type	Keys	Constrains	Description
1	type_id	bigint	Primary key	Not null	Product type ID
2	account_id	bigint	Foreign key	Not null	Link to Accounts
3	category_id	bigint	Foreign key	Not null	Link to Categories
4	name	varchar(255)		Not null	Product type name
Table: Products					
#	Fields	Data type	Keys	Constrains	Description
1	product_id	bigint	Primary key	Not null	Product ID
2	type_id	bigint	Foreign key	Not null	Link to ProductTypes
3	account_id	bigint	Foreign key	Not null	Link to Accounts
4	name	varchar(255)		Not null	Product name
5	description	text			Product description
6	price	numeric(38, 2)		Not null	Product price
7	quantity	int		Not null	Quantity in stock
8	status	enum		Not null	Product status

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<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Table Design	<b>SWD/Form</b> No.05/TAB/Ver1.0
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Table: SoftwareAccounts					
#	Fields	Data type	Keys	Constrains	Description
1	software_account_id	bigint	Primary key	Not null	Software account ID
2	account_id	bigint	Foreign key	Not null	Linked to Accounts
3	product_id	bigint	Foreign key	Not null	Linked to Products
4	account_info	text		Not null	Software account information
5	status	enum		Not null	Account status
6	payment_status	enum		Not null	Payment status

Table: SoftwareLicenseKeys					
#	Fields	Data type	Keys	Constrains	Description
1	license_id	bigint	Primary key	Not null	License key ID
2	account_id	bigint	Foreign key	Not null	Link to Accounts
3	product_id	bigint	Foreign key	Not null	Link to Products
4	license_key	text		Not null	License key value
5	status	enum		Not null	License key status
6	payment_status	enum		Not null	Payment status

Table: Orders					
#	Fields	Data type	Keys	Constrains	Description
1	order_id	bigint	Primary key	Not null	Order ID
2	account_id	bigint	Foreign key	Not null	Link to Accounts
3	product_id	bigint	Foreign key	Not null	Link to Products
4	quantity	int		Not null	Quantity product
5	payment_method	enum		Not null	Method of payment
6	total_amount	numeric(38, 2)		Not null	Total amount
7	order_status	enum		Not null	Order status
8	order_data	datetime		Not null	Oder date and time

Table: Images					
#	Fields	Data type	Keys	Constrains	Description
1	image_id	bigint	Primary key	Not null	Image ID
2	category_id	bigint	Foreign key	Not null	Photo uploader Linked to Categories
3	product_id	bigint	Foreign key	Not null	Photo uploader Linked to Products
4	account_id	bigint	Foreign key	Not null	Photo uploader Linked to Accounts
5	image_url	varchar(255)			URL where the image is stored
6	image_type	Enum		Not null	Type of the image

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<b>Date</b>		

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7	file_name	varchar(100)			Original file name of the image
8	file_size	varchar(255)			Size of the image file in bytes

**Table: Verification Code**

#	Fields	Data type	Keys	Constrains	Description
1	verification_code_id	bigint	Primary key	Not null	Verification Code ID
2	account_id	bigint	Foreign key	Not null	Link to Accounts
3	code	varchar(255)			Verification Code
4	email	varchar(255)		Not null	Email

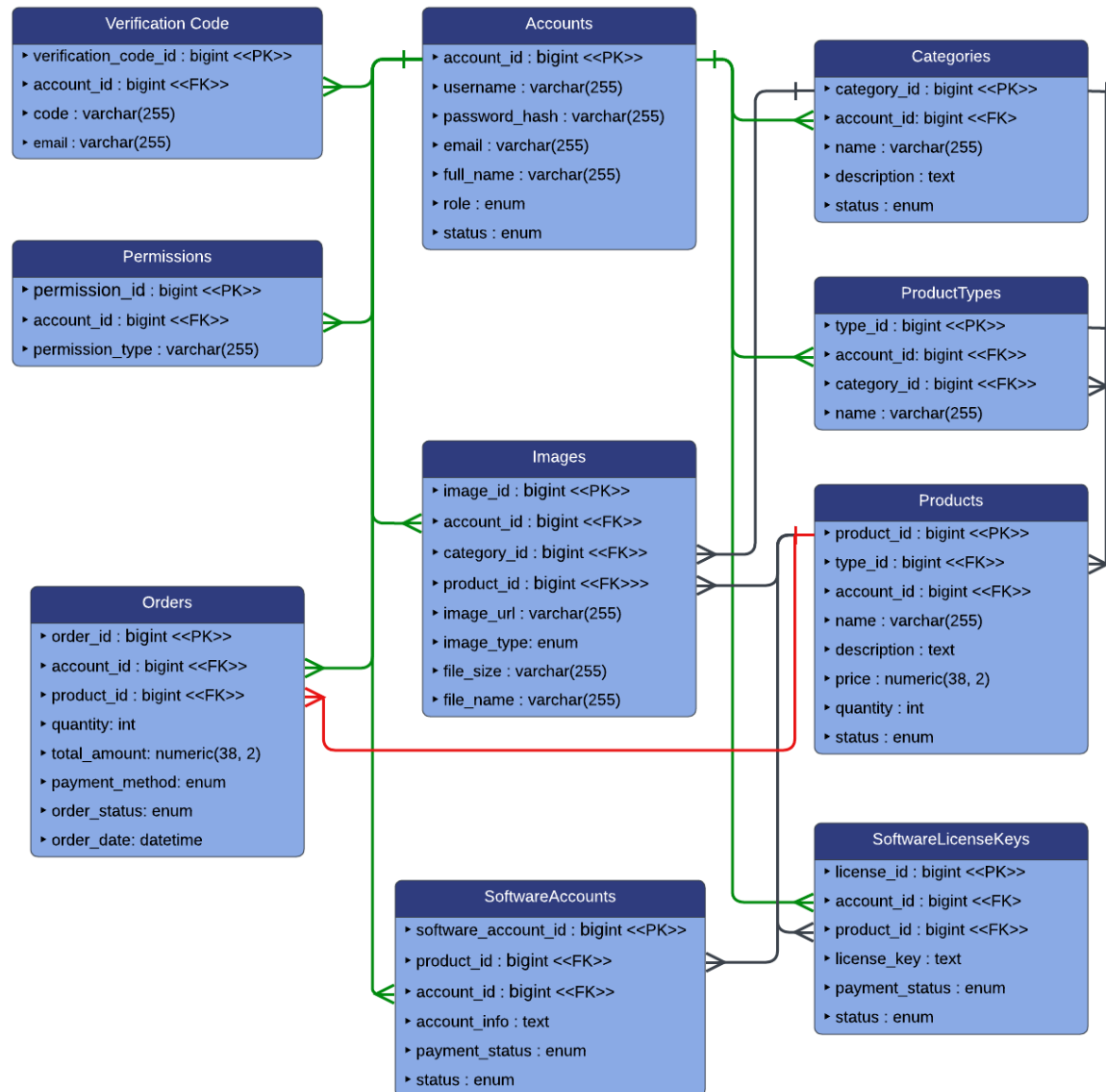
**Table: Permissions**

#	Fields	Data type	Keys	Constrains	Description
1	permission_id	bigint	Primary key	Not null	Permission ID
2	account_id	bigint	Foreign key	Not null	Link to Accounts
3	permission_type	varchar(255)			Type of rights managed
4	permission_id	bigint	Primary key	Not null	Permission ID

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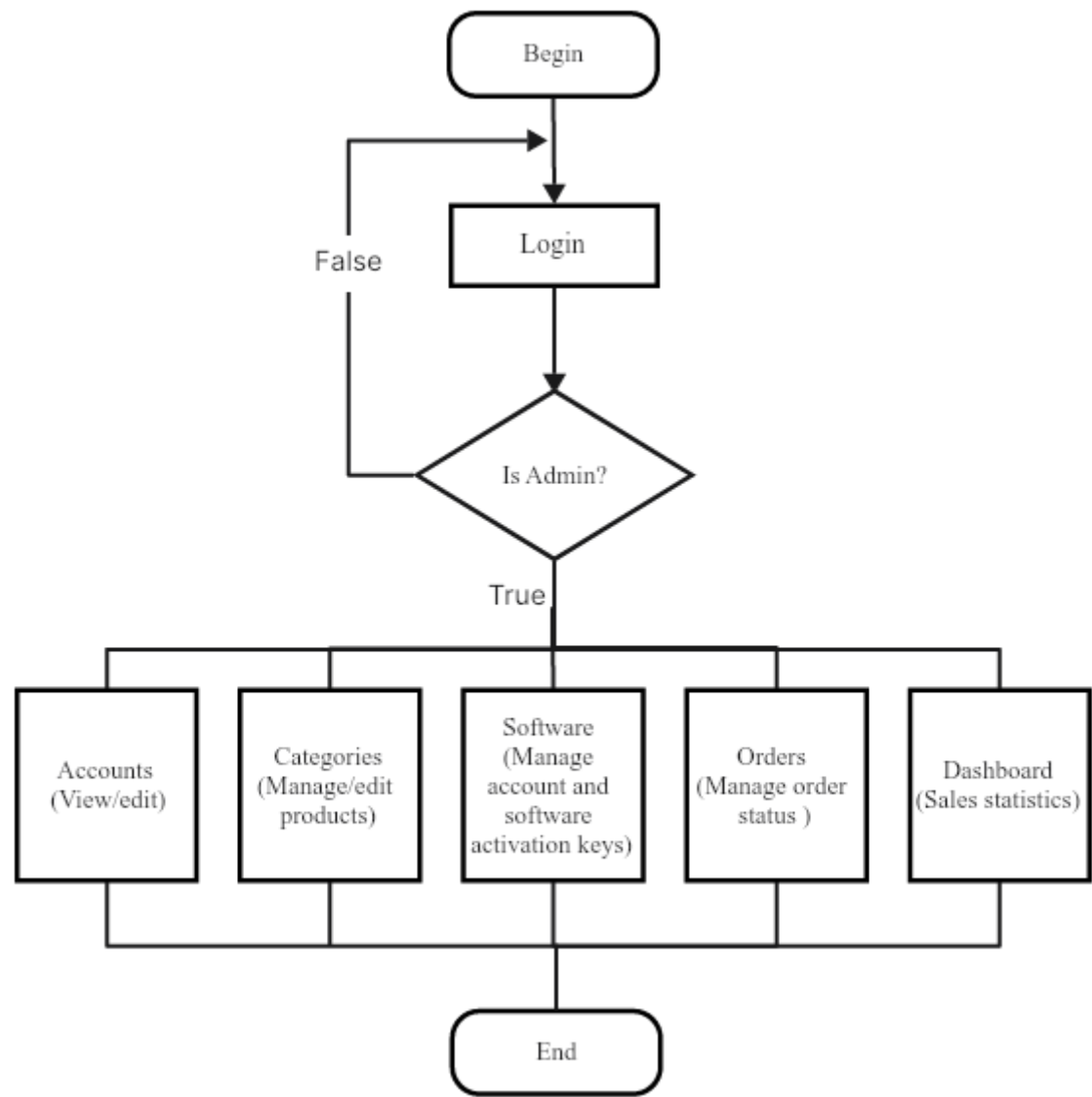
## II. Relationship Diagram



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<b>Date</b>		

# Algorithm

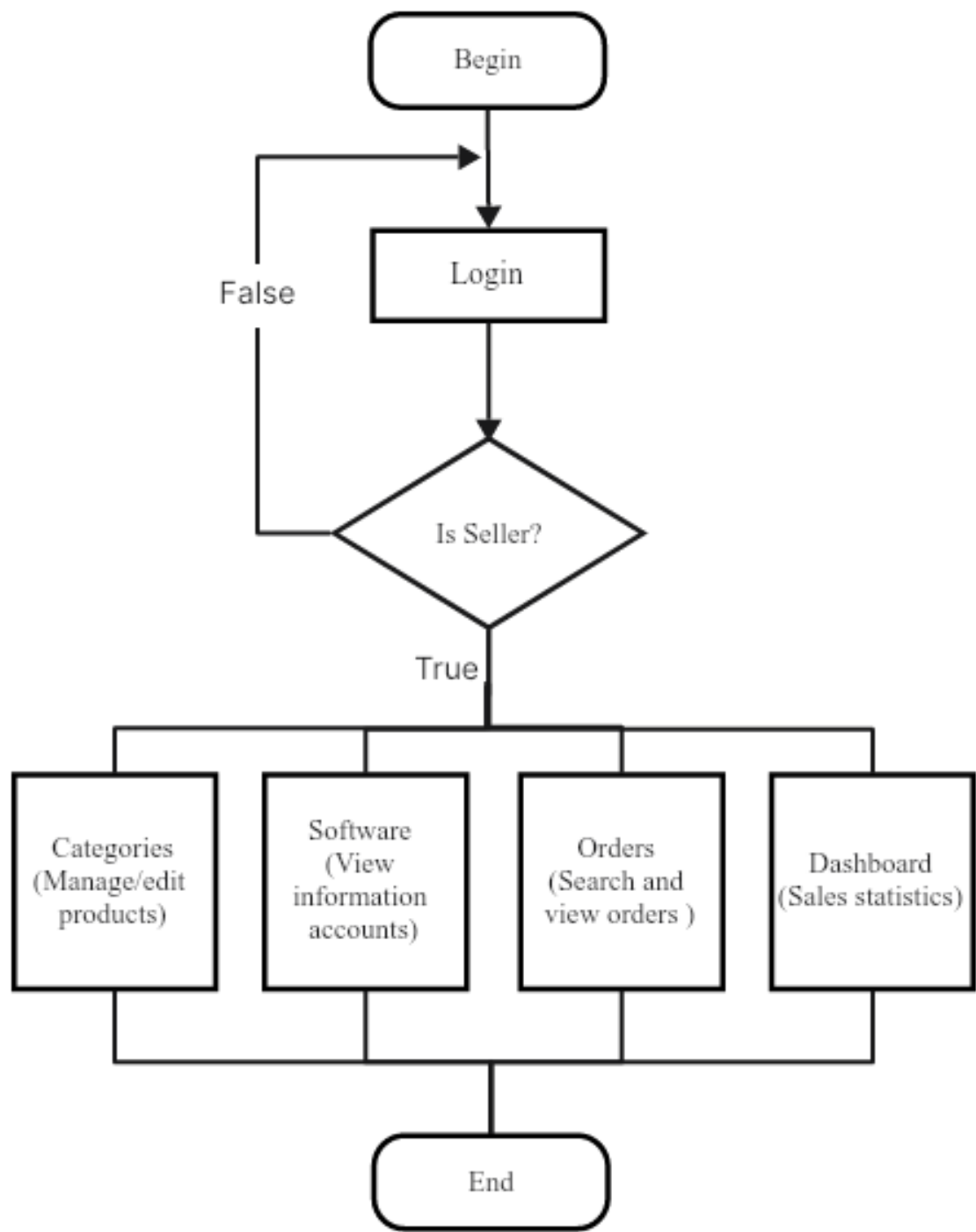
## I. Admin



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Date		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Algorithm	<b>SWD/Form</b> No.06/ALG/Ver1.0
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II. Seller



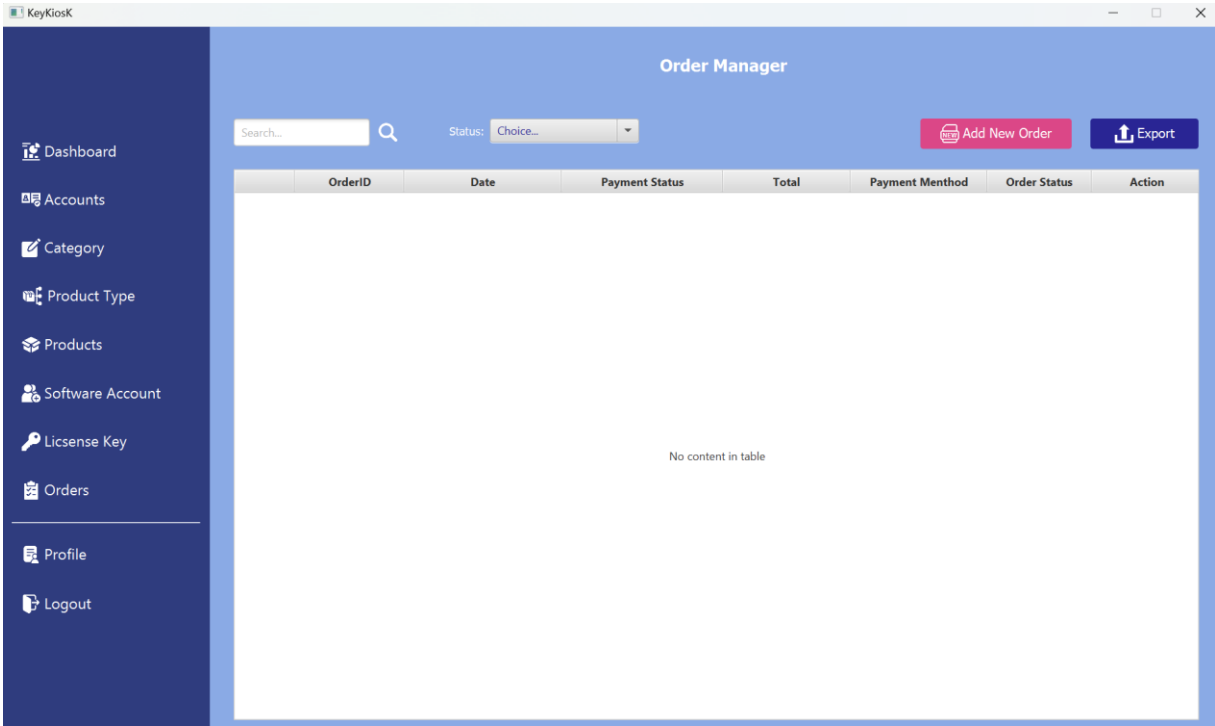
	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	Project Group No:01	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

## **Review 03**

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 18 of 48

Screen shots

I. Order



**Description** : This page allows users to view invoices, add new invoices, edit invoices, delete invoices, and also export invoices.

**From** : This page can be opened from any tab within the app.

**To** :This page can navigate to any tab.

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<b>Signature</b>		
<b>Date</b>		



<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
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Properties	Value
Document theme and color scheme	Management of account and software sales
Form - Background color	Tahoma - #8AAAE5
Title - Font Size	16px
Title - Font Color	#FFFFFF
Title - Font Style	Bold
Title - Alignment	Centered
Background color of Controls on the form	#2F3C7E, #DB4787, #292594
Foreground color of Controls on the form	#2F3C7E
Control Caption -- Font size	16px
Control Caption - Font Color	#2F3C7E
Control Caption - Font Style	Bold
Control caption and controls - Alignment	Centered
Command button - Alignment	Centered

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<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
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II. Products

Product Manager

Name:

New

Type:

Update

Description:

Delete

Price:

Quantity:

Image:

Choice Image

Id

Image

Name

Type

Description

Price

No content in table

**Description** : This page allows viewing the entire list of products and enables additional actions such as viewing more details, editing, and deleting all products.

**From** : This page can be opened from any tab within the app.

**To** : This page can navigate to any tab.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

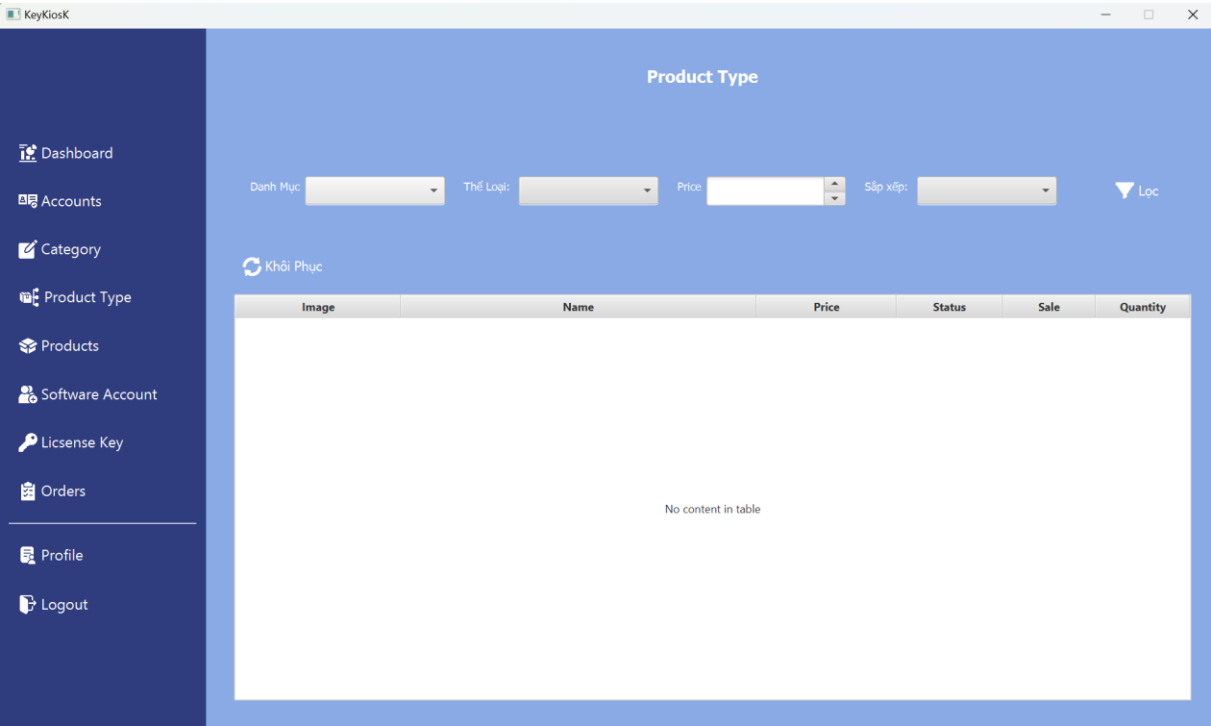
<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 21 of 48

Properties	Value
Document theme and color scheme	Management of account and software sales
Form - Background color	Tahoma - #8AAAE5
Title - Font Size	16px
Title - Font Color	#FFFFFF
Title - Font Style	Bold
Title - Alignment	Centered
Background color of Controls on the form	#2F3C7E
Foreground color of Controls on the form	#2F3C7E
Control Caption -- Font size	16px
Control Caption - Font Color	#2F3C7E
Control Caption - Font Style	Bold
Control caption and controls - Alignment	Centered
Command button - Alignment	Centered

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

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### III. Product Type



**Description** : This page enables viewing all products, as well as searching and sorting products by their product type.

**From** : This page can be opened from any tab within the app.

**To** : This page can navigate to any tab.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

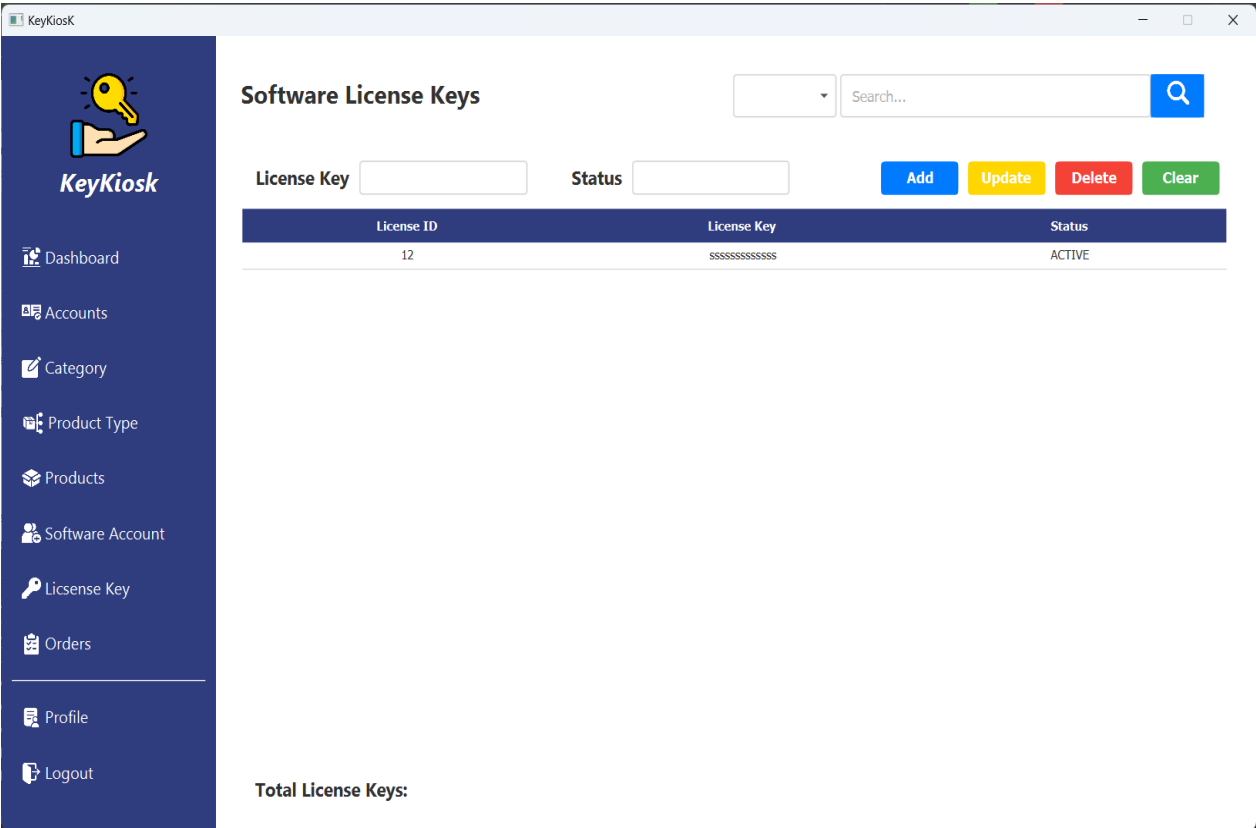
<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 23 of 48

Properties	Value
Document theme and color scheme	Management of account and software sales
Form - Background color	Tahoma - #8AAAE5
Title - Font Size	16px
Title - Font Color	#FFFFFF
Title - Font Style	Bold
Title - Alignment	Centered
Background color of Controls on the form	#2F3C7E
Foreground color of Controls on the form	#2F3C7E
Control Caption -- Font size	16px
Control Caption - Font Color	#2F3C7E
Control Caption - Font Style	Bold
Control caption and controls - Alignment	Centered
Command button - Alignment	Centered

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form No.07/SS/Ver1.0</b>
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No: 24 of 48</b>

IV. Software License Keys



**Description** : Software License Keys page, This page manage information about software activation keys added by the seller.

**From** : This page can be opened from any tab within the app.

**To** : This page can navigate to any tab.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	Project Group No:01	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

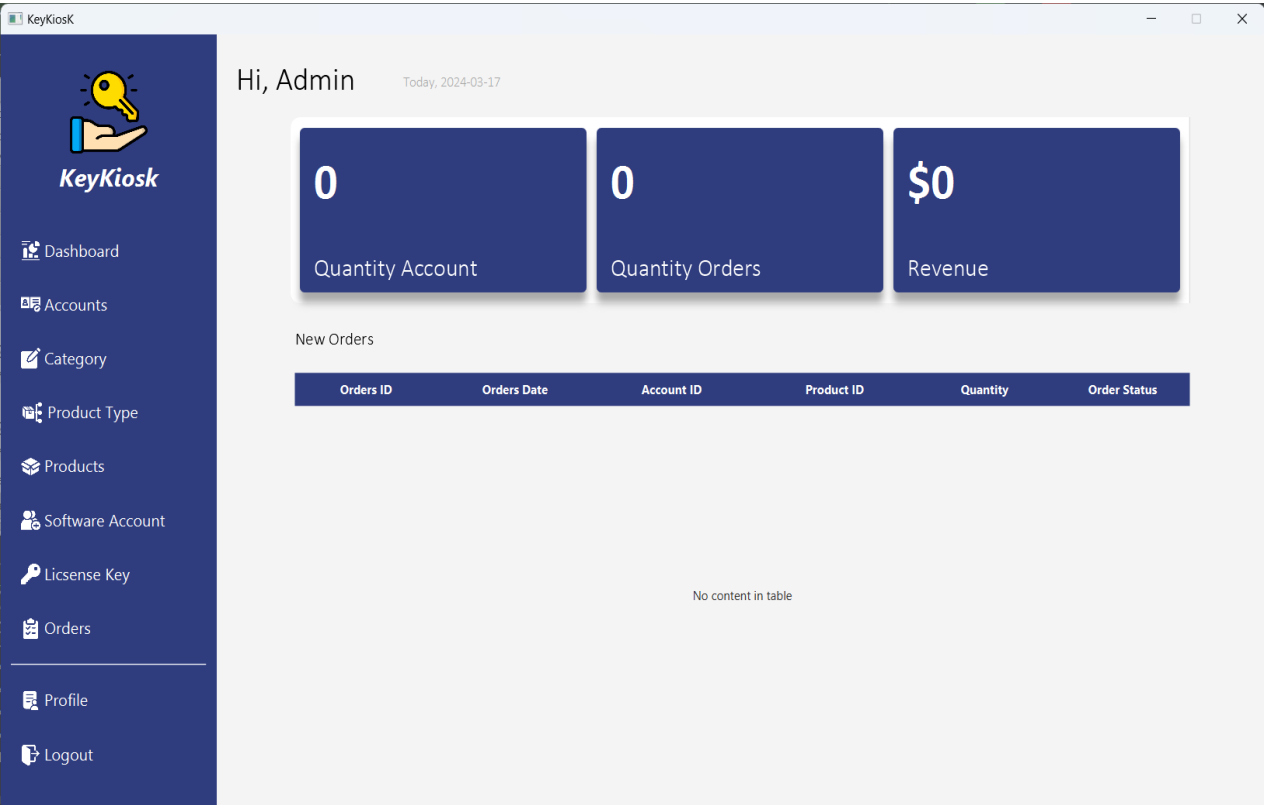
<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 25 of 48

Properties	Value
Document theme and color scheme	Software License Keys # 17131E
Form - Background color	Family System - # FFFFFFFF
Title - Font Size	24px
Title - Font Color	# 2F3C7E
Title - Font Style	Bold
Title - Alignment	Centered
Background color of Controls on the form	#2F3C7E
Foreground color of Controls on the form	#2F3C7E
Control Caption -- Font size	16px
Control Caption - Font Color	#2F3C7E
Control Caption - Font Style	Bold
Control caption and controls - Alignment	Centered
Command button - Alignment	Centered

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 26 of 48

V.     **Dashboard.**



**Description**    : Dashboard page, This page online store management

**From**             : This page can be opened from any tab within the app.

**To**                : This page can navigate to any tab

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		



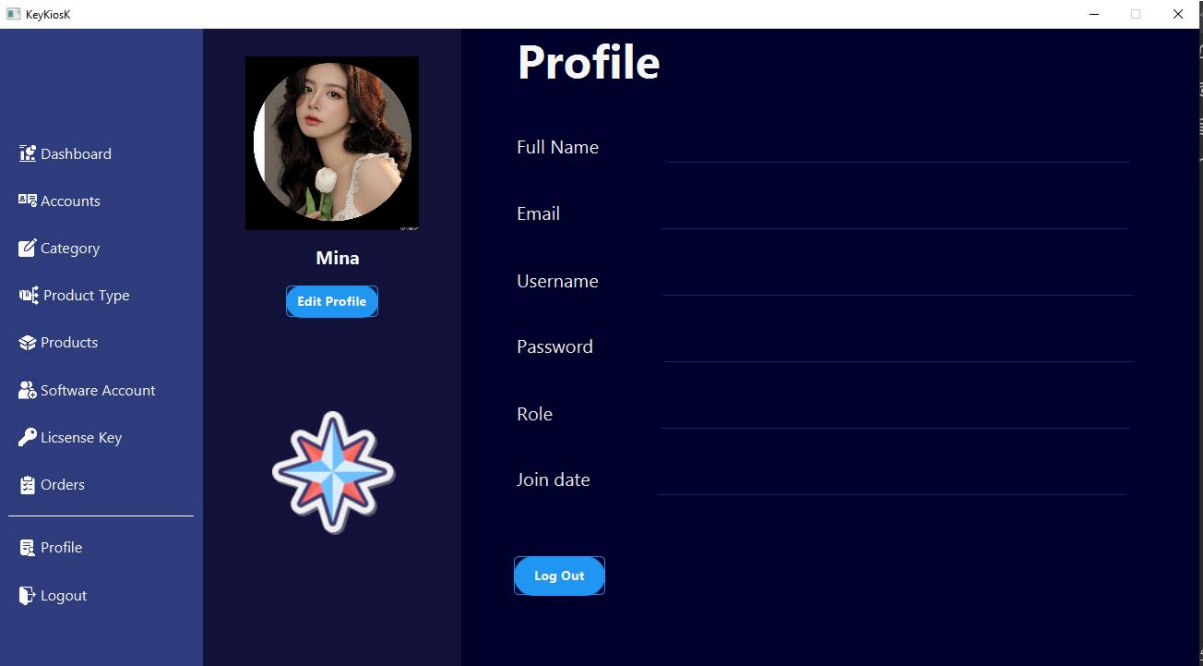
<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 27 of 48

Properties	Value
Document theme and color scheme	Dashboard # 17131E
Form - Background color	Family System - # FFFFFFFF
Title - Font Size	24px
Title - Font Color	# 2F3C7E
Title - Font Style	Bold
Title - Alignment	Centered
Background color of Controls on the form	#2F3C7E
Foreground color of Controls on the form	#2F3C7E
Control Caption -- Font size	16px
Control Caption - Font Color	#2F3C7E
Control Caption - Font Style	Bold
Control caption and controls - Alignment	Centered
Command button - Alignment	Centered

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 28 of 48

## VI. Profile



**Description:** This is the main Profile page. This page is listed allowing users to view their personal information. When clicking the Edit Profile button, you will be redirected to the Profile Settings page to change information including changing the password.

**From:** This page can be opened from any tab within the app.

**To:** This page can navigate to any tab

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

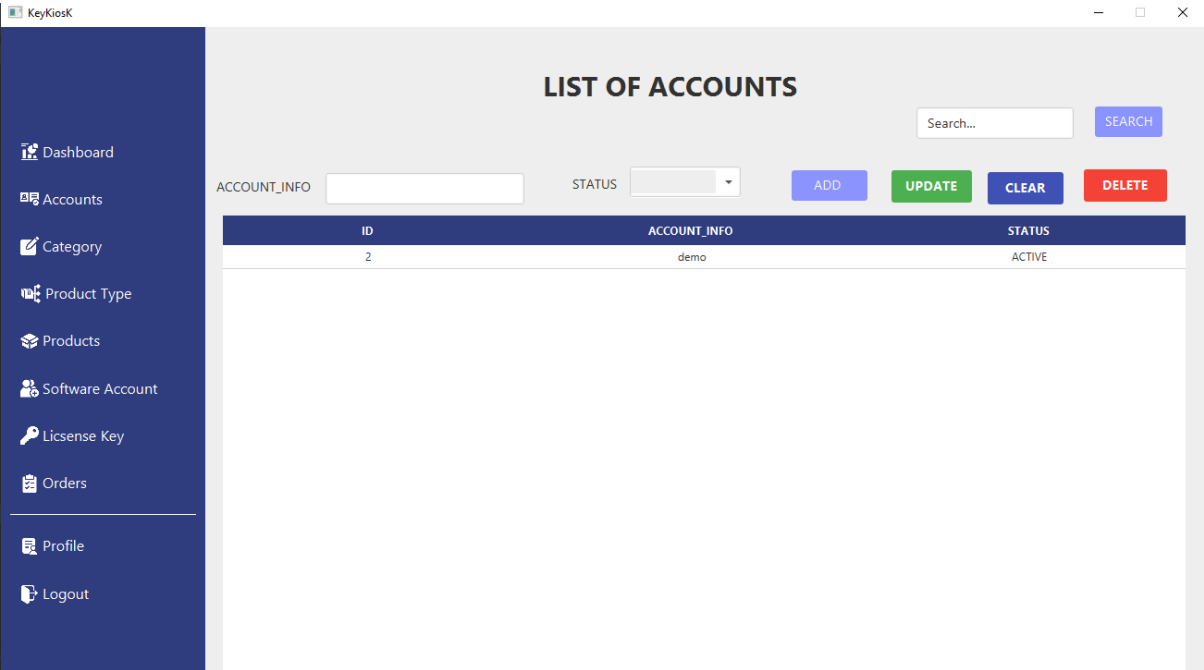
<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 29 of 48

Properties	Value
Document theme and color scheme	Profile
Form - Background color	Tahoma -#f8f7f7
Title - Font Size	50px
Title - Font Color	#f8f7f7
Title - Font Style	Bold
Title - Alignment	Center-LEFT
Background color of Controls on the form	#2F3C7E
Foreground color of Controls on the form	#2F3C7E
Control Caption -- Font size	15px
Control Caption - Font Color	#000000
Control Caption - Font Style	Bold
Control caption and controls - Alignment	Center-LEFT
Command button - Alignment	Center-LEFT

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 30 of 48

### VII. Software Account



**Description:** This page listed allows users to view and update their personal information, including changing their password.

**From:** This page can be opened from any tab within the app.

**To:** This page can navigate to any tab.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

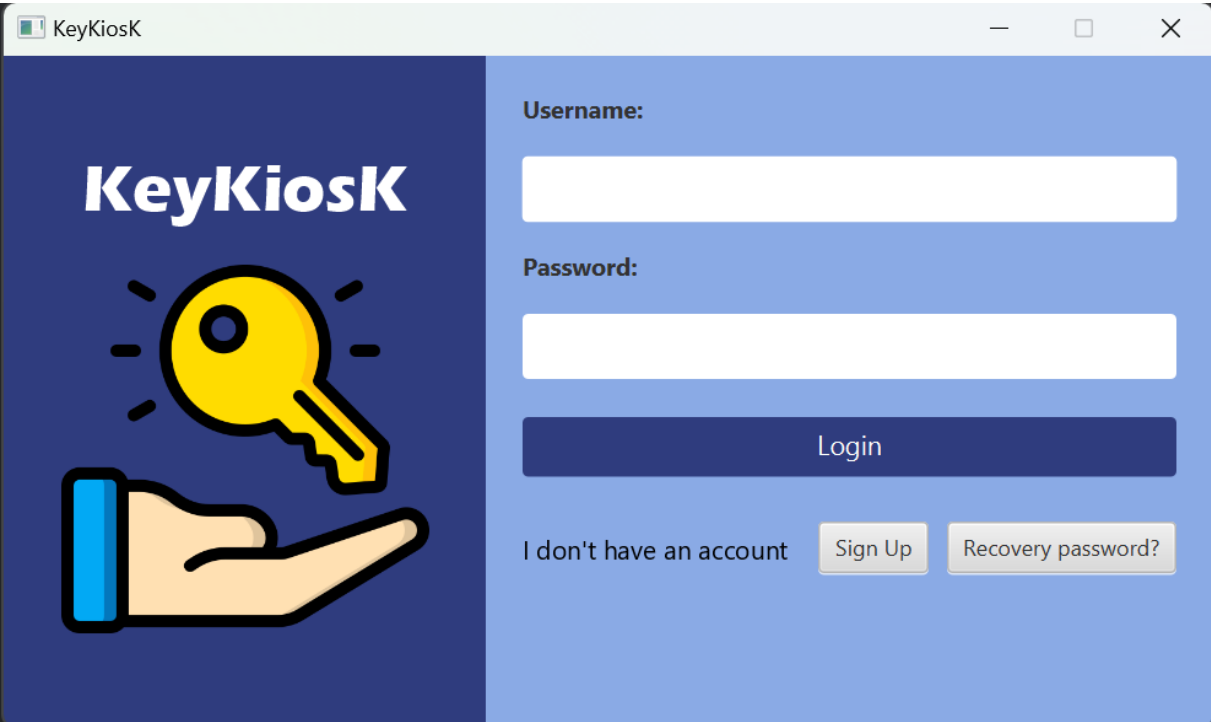
<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 31 of 48

Properties	Value
Document theme and color scheme	Software Account
Form - Background color	Tahoma - #282525
Title - Font Size	30px
Title - Font Color	#282525
Title - Font Style	Bold
Title - Alignment	Center-LEFT
Background color of Controls on the form	#2F3C7E, #F3F3F3, #4CAF50, #3F51B5, #f44336, #6610f2, #4b0082
Foreground color of Controls on the form	#2F3C7E
Control Caption -- Font size	14px
Control Caption - Font Color	#2F3C7E
Control Caption - Font Style	Bold
Control caption and controls - Alignment	Center-LEFT
Command button - Alignment	Center-LEFT

## VIII. Login

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 32 of 48



**Description:** This page appears upon launching the application. Its purpose is to authenticate the user's identity and permissions through a username and password.

**From:** This page can be opened from any tab within the app.

**To:** This page can navigate to any tab.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	Project Group No:01	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 33 of 48

Properties	Value
Document theme and color scheme	Login #2F3C7E
Form - Background color	#FFFFFF
Title - Font Size	1.2em
Title - Font Color	#FFFFFF, #000000
Title - Font Style	Bold
Title - Alignment	Centered Left
Background color of Controls on the form	#FFFFFF, #2F3C7E
Foreground color of Controls on the form	#FFFFFF
Control Caption -- Font size	1.2em
Control Caption - Font Color	#000000
Control Caption - Font Style	Bold
Control caption and controls - Alignment	Centered Left
Command button - Alignment	Centered

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form No.07/SS/Ver1.0</b>
<b>Effective Date:</b> 13/4/2024	<b>Version 1.0</b>	<b>Page No: 34 of 48</b>

IX. Account

Dashboard

Accounts

Category

Product Type

Products

Software Account

License Key





Orders

Profile

Logout

Permissions

Search ....

ID	Email	Username	Full Name	Role	Status	Actions
1	nguyenhauweb@gmail.com	admin	admin	ADMIN	ACTIVE	 
2	seller@gmail.com	seller	seller	SELLER	ACTIVE	 

Email

Username

Password

Full Name

Role

Status

Add new

**Description:** This page is used to manage accounts and is accessible only to administrators.

**From:** This page can be accessed from any tab within the app.

**To:** This page can navigate to any tab

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		



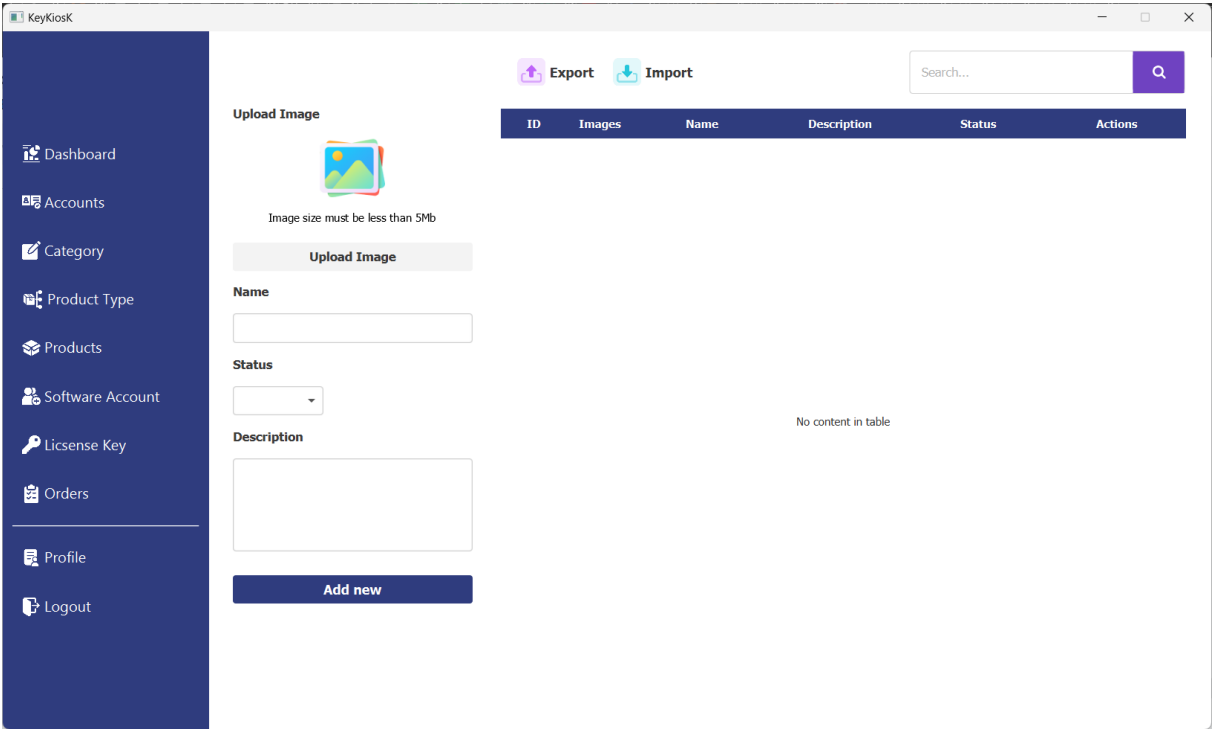
<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 35 of 48

Properties	Value
Document theme and color scheme	Manage account #2F3C7E
Form - Background color	#FFFFFF
Title - Font Size	#2F3C7E
Title - Font Color	1.2em
Title - Font Style	#FFFFFF
Title - Alignment	Bold
Background color of Controls on the form	Centered Left
Foreground color of Controls on the form	#FFFFFF, #2F3C7E
Control Caption -- Font size	#FFFFFF
Control Caption - Font Color	1.2em
Control Caption - Font Style	#3b3b3b
Control caption and controls - Alignment	Bold
Command button - Alignment	Centered Left

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 36 of 48

**X.      Category**



**Description:** This page is used to manage product categories.

**From:** This page can be accessed from any tab within the app.

**To:** This page can navigate to any tab

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

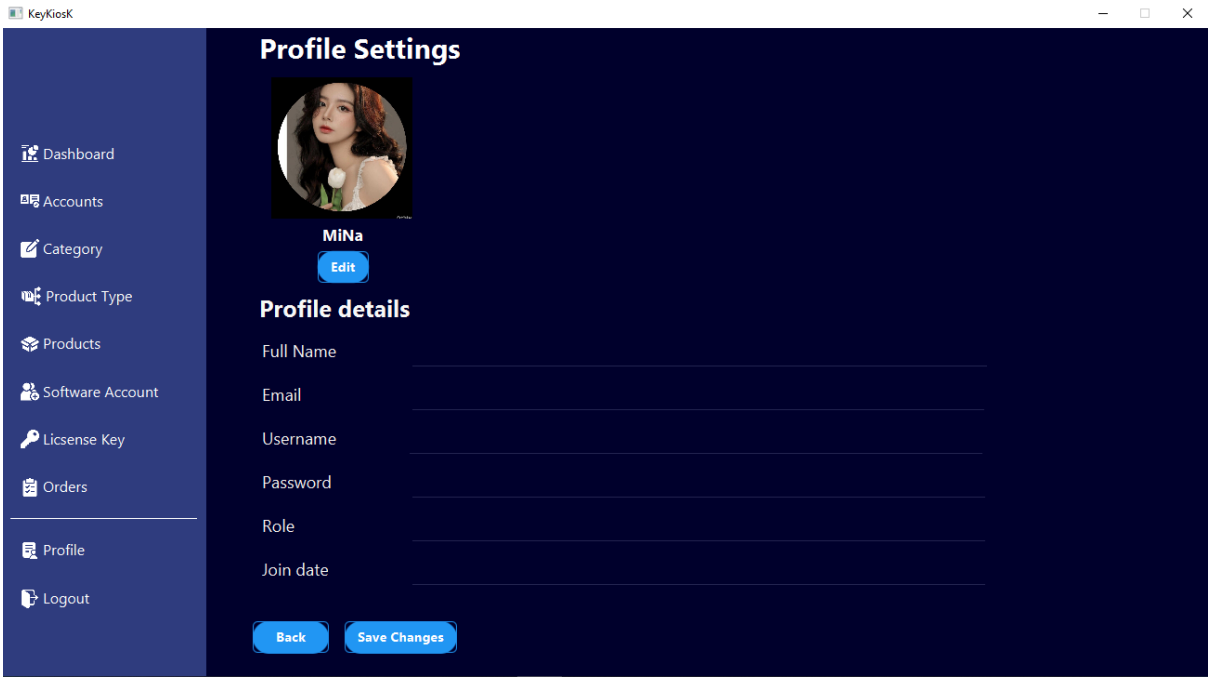
<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 37 of 48

Properties	Value
Document theme and color scheme	Manage categories #2F3C7E
Form - Background color	#FFFFFF
Form - Border color	#2F3C7E
Title - Font Size	1.2em
Title - Font Color	#FFFFFF
Title - Font Style	Bold
Title - Alignment	Centered Left
Background color of Controls on the form	#FFFFFF, #2F3C7E
Foreground color of Controls on the form	#FFFFFF
Control Caption -- Font size	1.2em
Control Caption - Font Color	#3b3b3b
Control Caption - Font Style	Bold
Control caption and controls - Alignment	Centered Left
Command button - Alignment	Centered

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 38 of 48

## XI. Profile Settings



**Description:** This is the Profile Settings page. This page is for changing information including changing the password. When you click the Back button, you will be redirected to the main Profile page.

**From:** This page can be opened from any tab within the app.

**To:** This page can navigate to any tab.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	Project Group No:01	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.07/SS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 39 of 48

Properties	Value
Document theme and color scheme	Profile Settings
Form - Background color	Tahoma -#f8f7f7
Title - Font Size	30px
Title - Font Color	#f8f7f7
Title - Font Style	Bold
Title - Alignment	Center-LEFT
Background color of Controls on the form	#2F3C7E
Foreground color of Controls on the form	#2F3C7E
Control Caption -- Font size	15px
Control Caption - Font Color	#2F3C7E
Control Caption - Font Style	Bold
Control caption and controls - Alignment	Center-LEFT
Command button - Alignment	Center-LEFT

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Testing document	<b>SWD/Form</b> No.08/TD/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 40 of 48

# Testing document

Sr.No	Features Tested	Remarks
1	Login Functionality	Passed: Users can successfully log in with valid credentials.
2	Viewing Products	Passed: Users can view a list of existing products without any issues.
3	Adding a New Product	Passed: Users can add new products to the inventory without any issues.
4	Adding a New Product	Passed: Users can edit the details of existing products without any issues.
5	Deleting a Product	Passed: Users can delete products from the inventory as expected.
6	Search Functionality	Passed: The search feature returns accurate results as expected.
7	Sorting Products	Passed: Users can sort the products based on different criteria (e.g., name, price) successfully.
8	Filtering Products	Passed: Users can filter products based on specific criteria (e.g., category, availability) without any issues.
9	Exporting Products	Passed: The exporting feature functions properly and exports products in the desired format.
10	User Permissions	Passed: User permissions are properly enforced, restricting access to certain features based on user roles.
11	Image Upload	Passed: Users can upload product images without any issues.
12	Product Categories	Passed: Products are organized into categories as expected.
13	Data Validation	Passed: Data validation checks have been improved, minimizing the risk of input errors.
14	Performance Testing	Passed: The user interface is intuitive and easy to navigate.
15		

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Final checklist	<b>SWD/Form</b> No.09/FC/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 41 of 48

## Final checklist

Sr.No	Aspected Tested	Suggestion/ Remarks
1	Are all the users able to view the images and links?	Yes
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	Yes
3	Are the GUI content devoid of spelling mistakes?	No
4	Is the application user-friendly?	Yes
5	Is the Website launching correctly in all popular browsers?	Yes
6	Are all the forms validated with proper criteria?	Yes
7	Do all text links lead to the appropriate website?	Yes
8	Do all image links lead to the appropriate website?	Yes
9	Are all the images and links clearly visible on the page?	Yes
10	Does the Web page work properly in all the tested browsers?	Yes
11	Does the Web page take too long to be loaded fully?	No
12	Is the navigation sequences correct through all the Web pages on the site?	Yes
13	Is the JavaScript code working as expected in all click events?	Yes

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> KeyKiosk	<b>Document Name:</b> Task Sheet	<b>SWD/Form</b> No.10/TS/Ver1.0
<b>Effective Date:</b> 13/4/2024	<b>Version</b> 1.0	<b>Page No:</b> 42 of 48

No	Member	Contents		Table Name	Activity Plan	Date of Preparation of Activity Plan		
					Planed Start Date	Actual Start Date	Actual Days	Status
1	Nguyễn Tiến Đạt	Admin	Product Manager	Products, Order, Product Type	13/04/2024	13/04/2024	5	OK
2			Order Manager		13/04/2024	13/04/2024	5	OK
3			Product Type Manager		13/04/2024	13/04/2024	5	OK
4		Seller	Product		13/04/2023	13/04/2024	5	OK
5			Product Type		13/04/2023	13/04/2024	5	OK
6			Order		13/04/2024	13/04/2024	5	OK

1	Nguyễn Thanh Hậu	Admin	Account management	Account, Login, Category	13/04/2023	13/04/2024	5	OK
2			Category		13/04/2023	13/04/2024	5	OK
4		Seller	Login		13/04/2023	13/04/2024	5	OK
5			Category		13/04/2023	13/04/2024	5	OK

1	Phạm Tuyên	Admin	Software Account	Software Account, Profile	13/04/2023	13/04/2024	5	OK
2			Profile		13/04/2023	13/04/2024	5	OK
3		Seller	Software Account		13/04/2023	13/04/2024	5	OK
4			Profile		13/04/2023	13/04/2024	5	OK

1	Nguyễn Hoàng Thái	Admin	Software LicenseKeys	LiscenseKeys, Dashboard	13/04/2023	13/04/2024	5	OK
2			Dashboard		13/04/2023	13/04/2024	5	OK
3		Seller	Software LiscenseKeys		13/04/2023	13/04/2024	5	OK
4			Dashboard		13/04/2023	13/04/2024	5	OK

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:01</b>	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		