Functionality Specification Document

Sportyshoes.com

Content

1. About this Document

      This functional and integration (FIS) document will enable you to understand the proposed solution of **Sportyshoes.com**

      The content of the document will have a solution and its configuration details as it will be available for our client.

1.1 How this Document is organized

This document is organized into the following chapters:

Chapter 2 - "**Introduction**" provides solution scope to be delivered to our Client.

Chapter 3 - "**Flows**" provides information on how Sporty shoes flow is across the entire webapp.

Chapter 4 - "**Sprint Planning**" provides how the product was divided into 2 sprints in order to build a webapp.

.

Chapter 5 - "**UI screen for Users and Admins**" provide information about the software looks at every stage.

Chapter 6- "**Github link**" provides the information on where the project is located.

1.2   Contact Information

Sportyshoes welcomes your comments and suggestions on the quality and usefulness of this document. For any questions, comments, or suggestions on the documentation, you can contact us at the following address:

For India Enquiry
Omkar Mayekar
Sportyshoes.com India
Tel: +91 (742) 081 5182
contact_us@**sportyshoes.com**

2 . <u>Introduction</u>

This document describes the implementation of *Sportyshoes.com* and how its users can interact with the application.

Sports shoes are a ticket-booking portal that lets people book flights on their website.

2.1 <u>Objectives</u>

The objective of this document is to describe how the solution of *Sportyshoes* will integrate with the User.
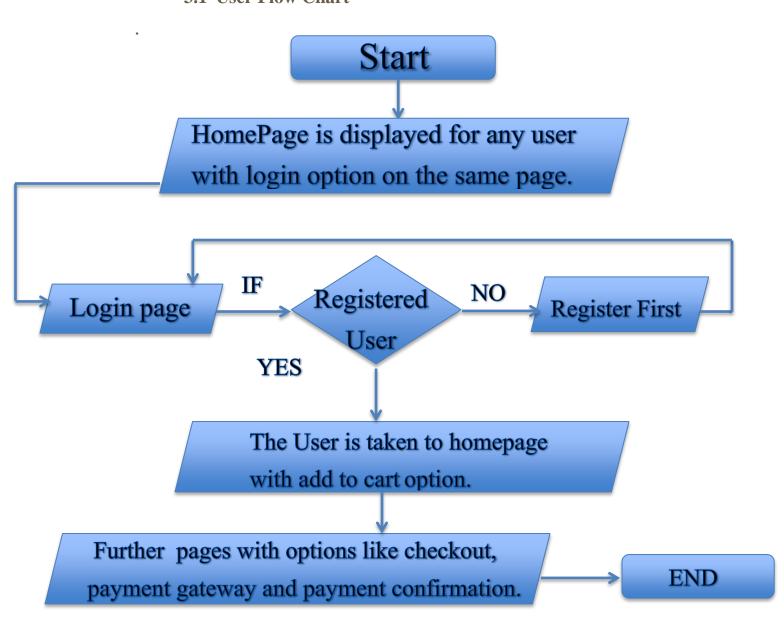
This document also provides information on end-to-end workflow flow so that business users can understand the features and functionalities of the *Sportyshoes an online booking portal.*

The workflow mainly involves the following important aspects,
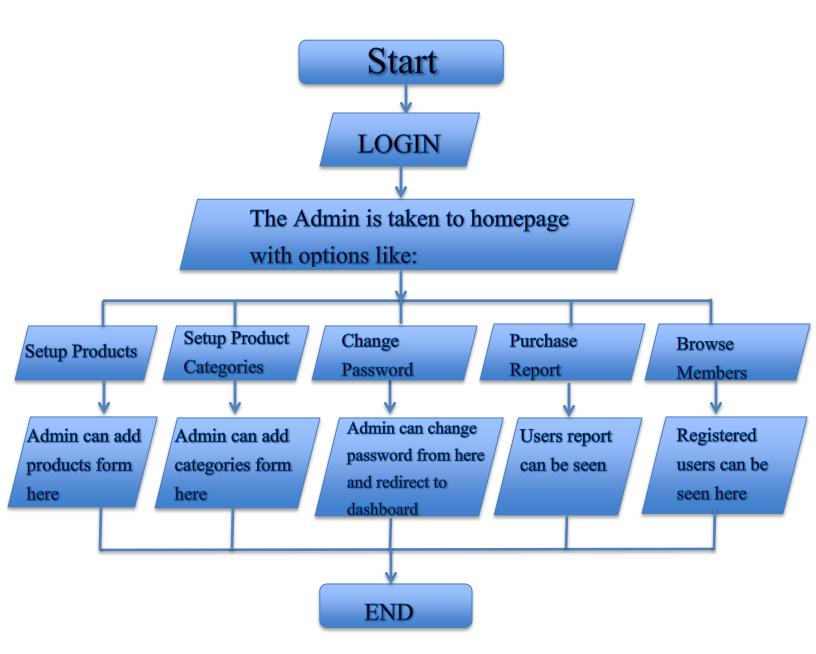
1. Manage the products in the store including categorizing them
2. Browse the list of users who have signed up and be able to search users
3. See purchase reports filtered by date and category

3

3 . Flow chart User

3.1 User Flow Chart

```
                          ┌──────────────┐
                          │    Start     │
                          └──────┬───────┘
                                 ↓
                 ┌───────────────────────────────────┐
                 │  HomePage is displayed for any user│
                 │  with login option on the same page.│
                 └───────────────────────────────────┘
```

Start

HomePage is displayed for any user with login option on the same page.

Login page → **IF** → **Registered User** → **NO** → **Register First**

YES

The User is taken to homepage with add to cart option.

Further pages with options like checkout, payment gateway and payment confirmation. → **END**

3.1 Admin Flow Chart

```
                        ┌─────────────────┐
                        │      Start      │
                        └─────────────────┘
                                 │
                                 ▼
                        ╱─────────────────╲
                        │      LOGIN       │
                        ╲─────────────────╱
                                 │
                                 ▼
                ╱───────────────────────────────────╲
                │    The Admin is taken to homepage   │
                │         with options like:          │
                ╲───────────────────────────────────╱
                                 │
   ┌─────────────┬───────────────┼───────────────┬─────────────┐
   ▼             ▼               ▼               ▼             ▼
╱────────╲  ╱──────────╲   ╱──────────╲   ╱──────────╲  ╱──────────╲
│ Setup   │  │  Setup    │   │  Change   │   │ Purchase  │  │  Browse   │
│Products │  │ Product   │   │ Password  │   │  Report   │  │  Members  │
│         │  │Categories │   │           │   │           │  │           │
╲────────╱  ╲──────────╱   ╲──────────╱   ╲──────────╱  ╲──────────╱
   │             │               │               │             │
   ▼             ▼               ▼               ▼             ▼
╱────────╲  ╱──────────╲   ╱──────────╲   ╱──────────╲  ╱──────────╲
│Admin can│  │Admin can  │   │Admin can   │   │Users report│ │Registered │
│add      │  │add        │   │change      │   │can be seen │ │users can be│
│products │  │categories │   │password    │   │            │ │seen here  │
│form here│  │form here  │   │from here   │   │            │ │           │
│         │  │           │   │and redirect│   │            │ │           │
│         │  │           │   │to dashboard│   │            │ │           │
╲────────╱  ╲──────────╱   ╲──────────╱   ╲──────────╱  ╲──────────╱
   │             │               │               │             │
   └─────────────┴───────────────┼───────────────┴─────────────┘
                                 ▼
                        ┌─────────────────┐
                        │      END        │
                        └─────────────────┘
```

4

4. Sprint planning

     4.1 This section tells how the workload was sliced into smaller part and was completed.

For effective pace and efficiency a trello board was managed as shown below.
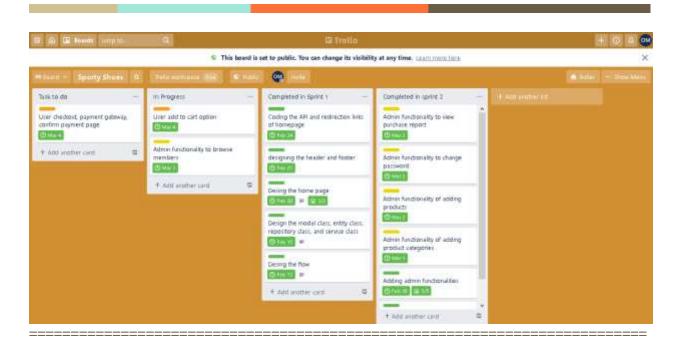
It was divided into three parts

    a. **Task to do.**
    b. **In Progress**
    c. **Completed in Sprint 1**

The timebox for each sprint i.e sprint 1 and sprint 2 was 1 week .

Sprint 1

The sprint 1 overall working flow of the application was done.

==

Sprint 2

In sprint 2 the entire workflow with enhacement is completed.

The complete activity of the sprint can be seen from the below link.

Click here: - https://trello.com/b/CFXp43pd/sporty-shoes

5   Solution Overview

Platform requirement

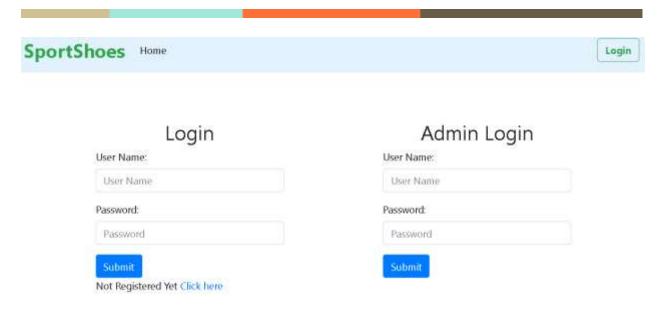The platform used for this project is the eclipse IDE, Tomcat, My sql workbench

5.1. UI for User:-

<p align="center">USER UI</p>

===

Step 1 - This is the homepage of the User.
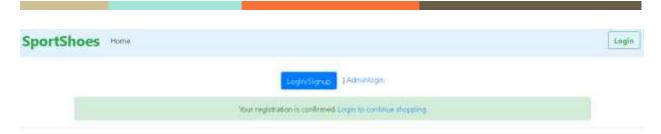
The user must be registered in order to make the purchases.
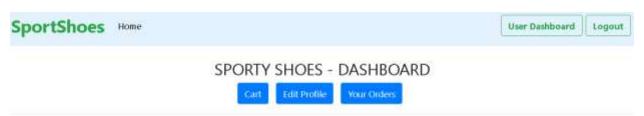
Step 2 - **The login page is as shown as above.**

==

Step 3 - User is taken to the login page where he is allowed to fill his valid login credentials. If he is not a valid user he must register first.

==

SportShoes   Home   Login

Login/Signup | Adminlogin

Your registration is confirmed. Login to continue shopping

Step 4 - Once the user is registered he gets an acknowledgement screen saying he is registered and he can now be able to login.

==

SportShoes   Home   User Dashboard   Logout

SPORTY SHOES - DASHBOARD

Cart   Edit Profile   Your Orders

Step 4 - Once the user is logged in he/she is redirect to this page.

    a.   **Here user can view his cart.**
    b.   **Edit their profile.**
    c.   **And also their orders.**

==

SportShoes   Home   User Dashboard   Logout

SPORTY SHOES - YOUR CART

Cart   Edit Profile   Your Orders
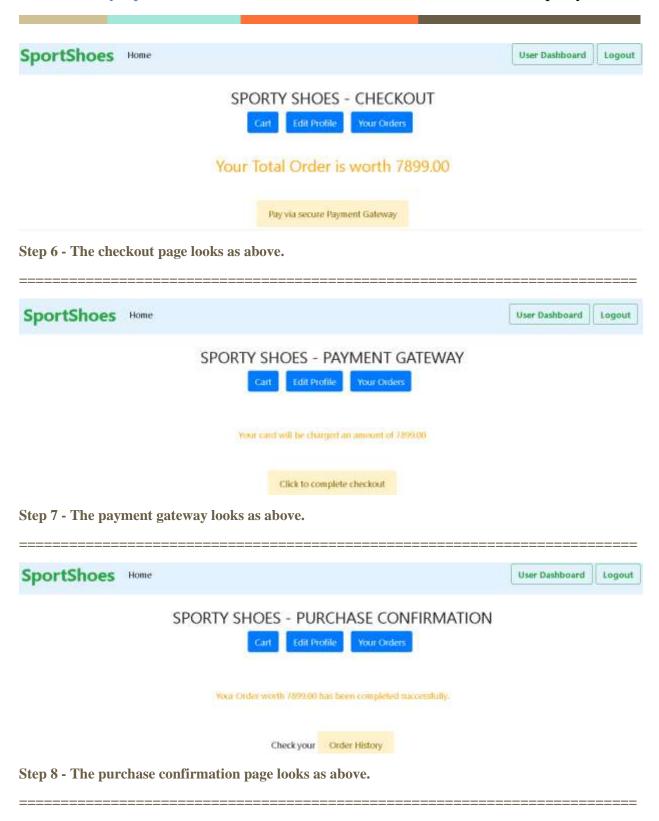
Total Cart Value: 7899.00

Total Orders
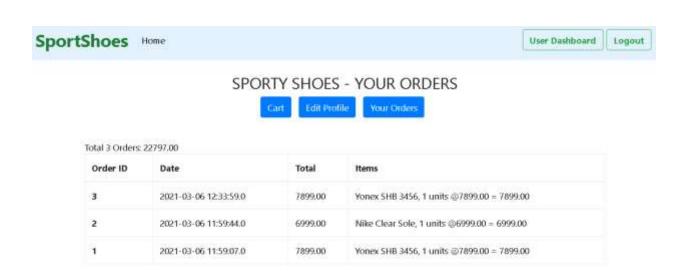
Product	Qty	Price
Yonex SHB 3456	1	7899.00

Checkout Now

Step 5 - User can checkout product of his choice and they will be redirected here.

==

Step 6 - The checkout page looks as above.

==

Step 7 - The payment gateway looks as above.

==

Step 8 - The purchase confirmation page looks as above.

==

SportShoes Home   User Dashboard   Logout

SPORTY SHOES - YOUR ORDERS

Cart   Edit Profile   Your Orders

Total 3 Orders: 22797.00

Order ID	Date	Total	Items
3	2021-03-06 12:33:59.0	7899.00	Yonex SHB 3456, 1 units @7899.00 = 7899.00
2	2021-03-06 11:59:44.0	6999.00	Nike Clear Sole, 1 units @6999.00 = 6999.00
1	2021-03-06 11:59:07.0	7899.00	Yonex SHB 3456, 1 units @7899.00 = 7899.00

The user can also view their order history.
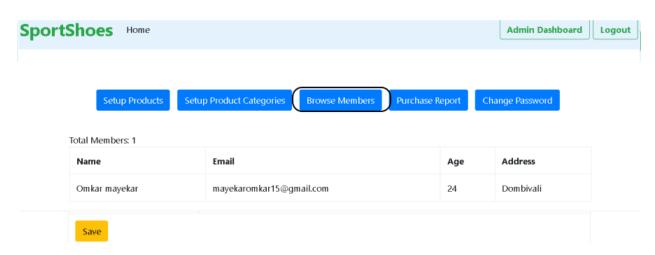
===

5.2. UI for User:-

ADMIN UI
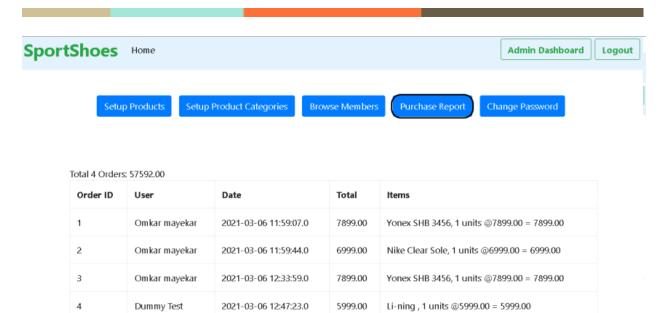
The Admin Dashboard looks as above.

==

Admin is able to set up product categories from above highlighted option..

==

SportShoes Home   Admin Dashboard | Logout

Setup Products | Setup Product Categories | Browse Members | Purchase Report | Change Password

Product name*	
Price*	
Category*	Select category

Save
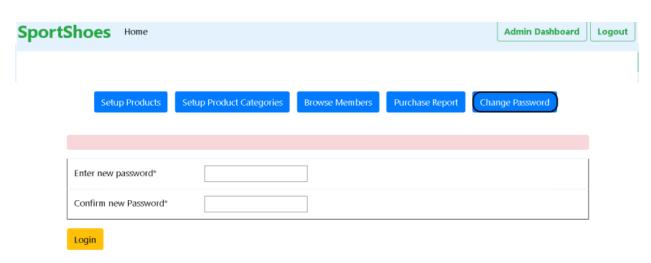
The admin is able to setup product from above highlighted option.

==

SportShoes Home   Admin Dashboard | Logout

Setup Products | Setup Product Categories | Browse Members | Purchase Report | Change Password

Total Members: 1

Name	Email	Age	Address
Omkar mayekar	mayekaromkar15@gmail.com	24	Dombivali

Save

The admin can access all the member details.

==

Total 4 Orders: 57592.00

Order ID	User	Date	Total	Items
1	Omkar mayekar	2021-03-06 11:59:07.0	7899.00	Yonex SHB 3456, 1 units @7899.00 = 7899.00
2	Omkar mayekar	2021-03-06 11:59:44.0	6999.00	Nike Clear Sole, 1 units @6999.00 = 6999.00
3	Omkar mayekar	2021-03-06 12:33:59.0	7899.00	Yonex SHB 3456, 1 units @7899.00 = 7899.00
4	Dummy Test	2021-03-06 12:47:23.0	5999.00	Li-ning , 1 units @5999.00 = 5999.00
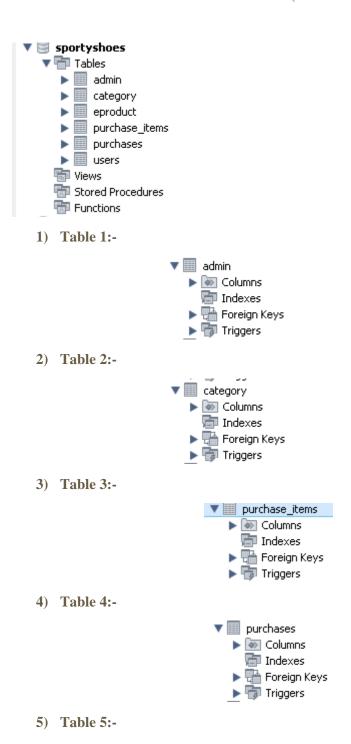
The admin can view the purchase report from here.

===

The admin is able to change the password from here

===

The Backend (DATABASE)

▼ 🗄 **sportyshoes**
  ▼ 🗄 Tables
    ▶ ▦ admin
    ▶ ▦ category
    ▶ ▦ eproduct
    ▶ ▦ purchase_items
    ▶ ▦ purchases
    ▶ ▦ users
  🗄 Views
  🗄 Stored Procedures
  🗄 Functions

1) **Table 1:-**

▼ ▦ admin
  ▶ 🔸 Columns
    🗄 Indexes
  ▶ 🔸 Foreign Keys
  ▶ 🔸 Triggers

2) **Table 2:-**

▼ ▦ category
  ▶ 🔸 Columns
    🗄 Indexes
  ▶ 🔸 Foreign Keys
  ▶ 🔸 Triggers

3) **Table 3:-**

▼ ▦ purchase_items
  ▶ 🔸 Columns
    🗄 Indexes
  ▶ 🔸 Foreign Keys
  ▶ 🔸 Triggers

4) **Table 4:-**

▼ ▦ purchases
  ▶ 🔸 Columns
    🗄 Indexes
  ▶ 🔸 Foreign Keys
  ▶ 🔸 Triggers

5) **Table 5:-**

6. Github link

This section lists where the source code is located and from where the user can download and use it.

https://github.com/mayekaromkar15/Project-Sporty_shoes