# **IT21282140 – Ranasinghe P.A.T.D**

|  |  |  |  |
| --- | --- | --- | --- |
| **Feature** | **User Story ID** | **User Story** | **Tasks** |
| Log in to the system |  | “As the Supplier Manager, I want to log in to the system so that I can Complete my services.” | 1. Create a login page  2. Create a relevant database  3. Validate login credentials |
| Register Suppliers |  | “As the Supplier Manager, I want to register suppliers into the system, so that I can place different orders with the various suppliers” | 1. Create a registration form  2. Save the details into the system |
| Manage Supplier details |  | “As the Supplier manager, I need to manage suppliers’ information, so that I can access the details of suppliers get a better understanding of their products and deactivate suppliers of the system if necessary.” | 1. Create a Supplier page.  2. Create a View Supplier page.  3. Create an edit Supplier option.  4. Create View, edit and deactivate supplier functions.  5. Save the latest details into the system. |
| Manage Inventory requests |  | “As the Supplier manager, I want to manage the inventory requests, so that I can View the request and take necessary steps to fulfil their requests” | 1. Create an inventory requests page. |
| Make orders |  | “As the Supplier manager, I want to make orders with the suppliers, so that I can respond to the inventory requests.” | 1. Create an Order page.  2. Add an option to select suppliers according to their products.  3. Create an order form.  4. Validate the form. |
| Order history |  | “As the supplier manager, I need to view all the orders I have made so that I can get an idea about all the raw materials orders that happened.” | 1. Create an order history page.  2. Create a View order page.  3. Create a return option. |
| Insert GRN  (Goods Received Note) |  | “As the supplier manager, I need to insert GRN into the system so that I can update inventory to the latest stocks and give the orders payments details to the finance department” | 1. Create an insert GRN form  2. Save the details into the system. |
| Manage GRN details |  | “As the Supplier manager, I need to manage GRN information, so that I can edit the details of GRN in the system if necessary.” | 1. Create a GRN page.  2. Create a View GRN page.  3. Create an edit GRN option.  4. Create View and edit functions.  5. Save the latest details into the system. |
| Logout from the system |  | “As a valid user, I want to log out from the system, so that it ensures the security of my account.” | 1. Create a logout page.  2. Create a logout confirm page. |
| Generate reports |  | “As the Supplier manager, I want to generate reports, so that I can manage all the orders and suppliers’ records properly” | 1. Add export buttons to the relevant pages.  2. Create functions to export data into CSV files |

# **Product Backlog**

## **Priority Scale**

## 1 - Highest Priority

## 2 - Normal Priority

## 3 - Less Priority

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Order ID** | **User Story ID** | **User Story** | **Estimated Hours** | **Priority** | **Status** |
|  |  | “As the Supplier Manager, I want to log in to the system so that I can Complete my services.” |  | 1 | To be Started |
|  |  | “As the Supplier Manager, I want to register suppliers into the system, so that I can place different orders with the various suppliers” |  | 1 | To be Started |
|  |  | “As the Supplier manager, I need to manage suppliers’ information, so that I can access the details of suppliers get a better understanding of their products and deactivate suppliers of the system if necessary.” |  | 2 | To be Started |
|  |  | “As the Supplier manager, I want to manage the inventory requests, so that I can View the request and take necessary steps to fulfil their requests” |  | 1 | To be Started |
|  |  | “As the Supplier manager, I want to make orders with the suppliers, so that I can respond to the inventory requests.” |  | 1 | To be Started |
|  |  | “As the supplier manager, I need to view all the orders I have made so that I can get an idea about all the raw materials orders that happened.” |  | 2 | To be Started |
|  |  | “As the supplier manager, I need to insert GRN into the system so that I can update inventory to the latest stocks and give the orders payments details to the finance department” |  | 1 | To be Started |
|  |  | “As the Supplier manager, I need to manage GRN information, so that I can edit the details of GRN in the system if necessary.” |  | 2 | To be Started |
|  |  | “As a valid user, I want to log out from the system, so that it ensures the security of my account.” |  | 1 | To be Started |
|  |  | “As the Supplier manager, I want to generate reports, so that I can manage all the orders and suppliers’ records properly” |  | 3 | To be Started |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Priority** | **Product backlog Item** | **Tasks** | **User Story ID** | **Est. Hours** | **Owner** |
| 1 | Add suppliers into the system & view | Providing an option to add new suppliers. |  |  | IT21282140 |
| Give input fields to add relevant details. |  |  |
| Store the newly added suppliers in the database. |  |  |
| Retrieve data to view inserted details. |  |  |
| 1 | Add GRN into the system & view | Providing an option to add new GRN |  |  |
| Give input fields to add relevant details. |  |  |
| Store the newly added GRN in the database. |  |  |
| Retrieve data to view inserted details. |  |  |
| 1 | Place order & view | Providing an option to place a new order. |  |  |
|  |  | Give input fields to add relevant details. |  |  |
|  |  | Store the newly placed order details in the database. |  |  |
| Retrieve data to view inserted details. |  |  |  |

# **1st Sprint**

# In this, we have mentioned the tasks for our first sprint.

# Epic: Supplier Management System

In the supplier management system, Supplier manger can log in to the system via the admin. The admin has the access to register suppliers to the system. Also, admin has the access to manage these supplier accounts in need situations. Then the admin place orders to the various suppliers if the inventory request some raw materials. Admin has the access to view these orders after placing. After getting these orders admin will insert GRN(Goods Received Note)to the system and System will update the raw materials stock. Unit price of the raw materials and total amount are also included in this GRN . Finance department can access these payment details though the supplier management system. Admin can also generate reports for the orders history and supplier’s details list.