**Product Backlog**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Order | ID | User Story | Status | Estimate  (Hours) |
|  | D01 | As a customer I want to create an account by using my details so that I can access the services from the application. (I can manage my profile) | Not Started | 32 |
|  | D02 | As an admin I want to handle customer profiles so that I can manage Registered customers. (To get reports, Edit, Delete, Add) | Not Started | 64 |
|  | K01 | As a System admin I want to handle administrators in the system so that I can analyze the administrative activities. | Not Started | 84 |
|  | K02 | As an admin I want to log in to the system so that I can manage system activities. | Not Started | 38 |
|  | S01 | As a stock handler I want to manage drug stock in the system so that I can efficiently maintain the drug supplies for the system in time. | Not Started | 105 |
|  | S02 | As a System owner I want to analyze stock details so that I can get a clear idea about available and unavailable stocks at a specific time. | Not Started | 92 |
|  | N01 | As a customer I want to purchase items from the online application so that I can fulfill my drug requirements. | Not Started | 78 |
|  | N02 | As a customer I want to search products through the system UI so that I can easily find the product I’m looking for. | Not Started | 45 |
|  | R01 | As a customer I want to upload my drug prescription to the application so that I can easily purchase my drugs recommended by the Doctor. | Not Started | 65 |
|  | R01 | As an admin I want to access customers uploaded prescription so that I can verify prescription and deliver suitable drugs for the customer. | Not Started | 72 |
|  | A01 | As a customer I want to access my purchase history so that I can easily reorder my previous drug items again. | Not Started | 69 |
|  | A02 | As admin I want to access transaction history of an individual customer so that I can easily handle customer inquiries. | Not Started | 96 |
|  | M01 | As an admin I want to get customers delivery information so that I can successfully deliver the packages to the customer's location. | Not Started | 80 |
|  | M02 | As an admin I want to correctly sort out delivery information so that I can efficiently and quickly deliver items to the customer. (Economically Beneficially) | Not Started | 60 |
|  | J01 | As a customer I want to leave a feedback or inquiries so that I can except a Quality service from the system. | Not Started | 34 |
|  | J02 | As an Administrator I want to access the users feedbacks so that I can further improve our service. | Not Started | 89 |

**Sprint Backlog**

First Sprint

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | User Story | Estimate (Hours) |
| 01 | Customer Registration | D01 | As a customer I want to create an account by using my details so that I can access the services from the application. (I can manage my profile) | 32 |
| 02 | Administrator login | K02 | As an admin I want to log in to the system so that I can manage system activities. | 38 |
| 03 | Stock management | S01 | As a stock handler I want to manage drug stock in the system so that I can efficiently maintain the drug supplies for the system in time. | 105 |
| 04 | Item purchasing process | N01 | As a customer I want to purchase items from the online application so that I can fulfill my drug requirements. | 78 |
| 05 | Prescription uploading process | R01 | As a customer I want to upload my drug prescription to the application so that I can easily purchase my drugs recommended by the Doctor. | 65 |
| 06 | Access purchase history | A01 | As a customer I want to access my purchase history so that I can easily reorder my previous drug items again. | 69 |
| 07 | Delivering process | M01 | As an admin I want to get customers delivery information so that I can successfully deliver the packages to the customer's location. | 80 |
| 08 | Customer service area | J01 | As a customer I want to leave a feedback or inquiries so that I can except a Quality service from the system. | 34 |

Task of Customer Registration

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **01** | **Customer Registration** | **D01** | **32** |
|  | Implement Customer registrations for create customers |  | 8 |
|  | Design customer profile area with retrieve, update and delete functions |  | 12 |
|  | Implement customer login for database validations |  | 10 |
|  | Implement welcome function |  | 2 |

Task of administrator login

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **02** | **Administrator login** | **K02** | 38 |
|  | Implement and design admin login page for database validations |  | 12 |
|  | Implement admin registration panel for add new administrators to the database |  | 8 |
|  | Implement admin control panel for update their administrator details |  | 18 |

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| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **01** | **Customer Registration** | **D01** | **32** |
|  | Implement Customer registrations for create customers |  | 8 |
|  | Design customer profile area with retrieve, update and delete functions |  | 12 |
|  | Implement customer login for database validations |  | 10 |
|  | Implement welcome function |  | 2 |

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **03** | **Stock management** | **S01** | **105** |
|  | Implement and design a function for add stock items to the database and display it on the web interface |  | 45 |
|  | Implement a dashboard for manage (update & remove) stock items |  | 60 |

Task of stock management

Task of item purchase process

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **04** | **Item purchase process** | **N01** | **78** |
|  | Implement and design an item cart for purchase an item |  | 38 |
|  | Implement a CRUB operation for manage item cart |  | 40 |

Task of prescription uploading process

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **05** | **Prescription uploading process** | **R01** | **65** |
|  | Implement a method for upload prescriptions |  | 15 |
|  | Implement and design of CRUB operation for manage uploaded prescription |  | 40 |
|  | Implement and design UI for prescription uploading section |  | 10 |

Task of access purchase history

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **06** | **Access purchase history** | **A01** | **96** |
|  | Implement and design a method with UI for view transaction history |  | 32 |
|  | Implement a method for re-order purchased items |  | 44 |
|  | Implement transaction handling area for manage history |  | 20 |

Task of delivery process

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **07** | **Delivery process** | **M01** | **80** |
|  | Collect values from the database according to the customer location |  | 16 |
|  | Implement UI and a method for get customer delivery information with CRUB operations |  | 50 |
|  | Implement a method for generate customer delivery information |  | 14 |

Task of customer service area

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **08** | **Customer service area** | **J01** | **34** |
|  | Implement and design customer feedback UI and method with CRUB operation |  | 20 |
|  | Implement customer inquiry section with UI part |  | 14 |

**Sprint Backlog**

Second Sprint

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | User Story | Estimate (Hours) |
| 01 | Customer profile management | D02 | As an admin I want to handle customer profiles so that I can manage Registered customers. (To get reports, Edit, Delete, Add) | 64 |
| 02 | Administrator management | K01 | As a System admin I want to handle administrators in the system so that I can analyze the administrative activities. | 84 |
| 03 | Stock analysis | S02 | As a System owner I want to analyze stock details so that I can get a clear idea about available and unavailable stocks at a specific time. | 92 |
| 04 | Search items | N02 | As a customer I want to search products through the system UI so that I can easily find the product I’m looking for. | 45 |
| 05 | Prescription management | R02 | As an admin I want to access customers uploaded prescription so that I can verify prescription and deliver suitable drugs for the customer. | 72 |
| 06 | Transaction history section | A02 | As admin I want to access transaction history of an individual customer so that I can easily handle customer inquiries. | 96 |
| 07 | Delivery management | M02 | As an admin I want to correctly sort out delivery information so that I can efficiently and quickly deliver items to the customer. (Economically Beneficially) | 60 |
| 08 | Customer feedbacks & inquiry handling | J02 | As an Administrator I want to access the users' feedbacks so that I can further improve our service. | 89 |

Task of customer profile management

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **01** | **Customer profile management** | **D02** | **64** |
|  | Implement method for identify customer location |  | 30 |
|  | Method for search registered customers |  | 14 |
|  | Generate customer reports |  | 20 |

Task of administrator management

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **02** | **Administrator management** | **K01** | **84** |
|  | Implement a method for generate admin log report |  | 30 |
|  | Implement and design dashboard for system admin to manage sub administrators |  | 30 |
|  | Generate search function for filter sub administrator details |  | 24 |

Task of stock analysis

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **03** | **Stock analysis** | **S02** | **92** |
|  | Implement function for generate summery report |  | 60 |
|  | Generate search function for filter drug items from the system |  | 32 |

Task of search items

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **04** | **Search items** | **N02** | **45** |
|  | Implement function for generate customer invoice |  | 15 |
|  | Implement and design search bar to search drug items (By customers) |  | 30 |

Task of prescription management

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **05** | **Prescription management** | **R02** | **72** |
|  | Implement function for generate report (To find no. of customers in prescription category) |  | 40 |
|  | Implement and design searching area for search uploaded prescriptions and orders |  | 32 |

Task of transaction history section

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **06** | **Transaction history section** | **A02** | **96** |
|  | Implement function for manage transaction history in admin panel |  | 40 |
|  | Implement and design UI for search specific customer histories (By the administrator) |  | 56 |

Task of delivery management

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **07** | **Delivery management** | **M02** | **60** |
|  | Apply progress bar for the whole system |  | 40 |
|  | Implement and design searching area for search customer orders in a specific area (By the administrator) |  | 20 |

Task of customer feedbacks and inquiry handling

|  |  |  |  |
| --- | --- | --- | --- |
| Priority | Product Backlog Items | User Story ID | Estimate (Hours) |
| **08** | **Customer feedbacks and inquiry handling** | **J02** | **89** |
|  | Implement function for view all customer feedbacks and inquiries (Handle by the administrators) |  | 29 |
|  | Implement and design searching IU for filter customer feedbacks and generate a report |  | 60 |