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**Project for SWE**

**Dr: Mona Zaki**

**By**

|  |  |  |
| --- | --- | --- |
| ID | Name | Section |
| 1 | **Ahmed Eid Ali** | **1** |
| 2 | **Ebrahim Ahmed Rashed** | **1** |
| 3 | **Ahmed Adel Ahmed** | **1** |
| 4 | **Abdalla Mousa Mohammed** | **2** |
| 5 | **Saleh Mohammed Darwish** | **2** |
| 6 | **Mostafa Mohammed Elkhouly** | **3** |

**Project  
Pbt booking travelling**

**Description:**

PBT booking travelling is a web application that would facilitate online ticket booking of transportation such as airplanes, trains and buses, and this depending on the transportation available between places the user choice. Users would be provided to book their tickets according to their choice, they can book ticket show of desired day and suitable timing, the payment facility would also be provided online ticket cancelation process would also take place. This project is basically divided into two modules. First module is

**Admin** **Module**:-

Which controls all the process whereas.

**Member Module**:-

Actually uses the software associated with the website.

**Goals:**

1. Allow the user to choose the best route.
2. Clarify the available transportation for the user to travel طرق السفر المتاحه .
3. Make it easy to store , search , add , remove and update the whole

System data.

**Internal goals:**

* Build customer trust.
* On-time delivery.
* Develop our experience and soft skills.
* Learn new technologies.
* Respect time.

**Strength:**

* Team spirit.
* Willingness to adopt new agile process and technology.
* Good domain knowledge.

**Weakness:**

* Uninterested discussions between us.
* Limited resources (hardware, tech, developer, and environment).
* Delay on some meetings.

**Project community:**

|  |  |  |
| --- | --- | --- |
| Name | Role | Availability |
| Ebrahim Ahmed Rashed | Product owner | 100% |
| Ahmed Eid Ali | Scrum master | 100% |
| Abdallah Moussa Mohammed | Web Designer | 100% |
| Mostafa Mohammed Elkhouly | Web Developer | 100% |
| Ebrahim Ahmed Rashed  Ahmed Adel Ahmed | Analyst | 100% |
| Saleh Mohammed Darwish | Designer | 80% |

**Schedule:**

Release : 5 weeks.

Iteration: 1 week.

|  |  |  |
| --- | --- | --- |
| End | Start | Release |
| 15/3/2018 | 8/3/2018 | 1 |
| 23/3/2018 | 16/3/2018 | 2 |
| 8/4/2018 | 1/4/2018 | 3 |
| 16/4/2018 | 9/4/2018 | 4 |

**Logistics:**

* 10:00 pm daily stand-up online meeting.
* 1:00 pm every Tuesday and Thursday meeting

at College .

**Features:**

|  |  |
| --- | --- |
| Customer priority | Features |
| Critical | Register |
| Critical | Add |
| Critical | Remove |
| Critical | Search |
| Critical | Update |
| Critical | Login |
| Critical | store pills |
| Medium | Delivery ticket |
| Critical | Admin add new transport company |
| Critical | Admin add new hotel |
| Critical | Admin identify the prices list of tickets |
| Critical | user know best route by map |
| Critical | user choose the number of passengers |
| Medium | user choose hotel to stay in |
| Critical | user fill a form to book transportation |
|  |  |
|  |  |
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|  |  |

**User stories**

**By ID :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Dependency** | **Usage** | **Feature Name** | **ID** | **Customer value** |
|  | Critical | Register | 1 | Critical |
| 6,9,10,1 | Critical | Add | 2 | Critical |
| 1,6 | Critical | Remove | 3 | Critical |
| 1,6,12,13 | Critical | Search | 4 | Critical |
| 1,6,11 | Critical | Update | 5 | Critical |
|  | Critical | Login | 6 | Critical |
| 1,6 | Critical | Store Pills | 7 | Critical |
| 1,6,7,8 | Medium | Delivery | 8 | Medium |
| 1,6 | Critical | user choose the number of passengers | 9 | Critical |
| 1,6,7 | Critical | Admin add new transport company | 10 | Critical |
| 1,6 | Critical | Admin identify the prices list of tickets | 11 | Critical |
| 1,6 | Critical | user know best route by map | 12 | Critical |
| 1,6 | Critical | Clerk search medicine by number | 13 | Critical |
| 1,6 | Critical | user fill a form to book transportation | 14 | Critical |

**By Priority:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Dependency** | **Usage** | **Feature Name** | **ID** | **Customer value** |
|  | Critical | Register | 1 | Critical |
| 1,6 | Critical | Admin add new transport company | 9 | Critical |
| 1,6 | Critical | Identify the price list | 11 | Critical |
|  | Critical | Login | 6 | Critical |
| 6,9,10,1 | Critical | Add | 2 | Critical |
| 1,6,12,13 | Critical | Search | 4 | Critical |
| 1,6 | Critical |  | 12 | Critical |
| 1,6 | Critical |  | 13 | Critical |
| 1,6 | Critical | Store Pills | 7 | Critical |
| 1,6,11 | Critical | Update | 5 | Critical |
| 1,6,7 | Critical |  | 10 | Critical |
| 1,6 | Critical | Remove | 3 | Critical |
| 1,6,7,8 | Medium | Delivery | 8 | Medium |
| 1,6 | Critical |  | 14 | Critical |

**By dependency:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Customer**  **value** | **ID** | **Feature name** | **Technical**  **Uncertainty** | **Usage** | **Dependency** |
| Critical | 1 | Register | Low | Critical |  |
| Critical | 6 | LOG IN | Low | Critical | 1 |
| Critical | 7 | STORE PILLS | Low | Critical | 1,6 |
| Critical | 4 | SEARCH | High | Critical | 1,6,12,13 |
| Critical | 3 | REMOVE | High | Critical | 1,6 |
| Critical | 2 | ADD | Medium | Critical | 1,6,9,10 |
| Critical | 5 | UPDATE | Low | Critical | 1,6,11 |
| Critical | 9 | Admin add new medicine | Medium | Critical | 1,6 |
| Critical | 10 |  | Medium | Critical | 1,6 |
| Critical | 11 | Admin identify the prices list | Medium | Critical | 1,6 |
| Critical | 12 |  | Medium | Critical | 1,6 |
| Critical | 13 |  | Medium | Critical | 1,6 |
| Critical | 14 |  | Medium | Critical | 1,6 |
| Medium | 8 |  | High | Medium | 1,6,7 |