Priority Matrix

Evaluates use cases on 1-5 scale against six criteria.

1. Significant impact on the architectural design.

2. Easy to implement but contains significant functionality.

3. Includes risky, time-critical, or complex functions.

4. Involves significant research or new or risky technology.

5. Includes primary business functions.

6. Will increase revenue or decrease costs.

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| Use Case Name | Ranking Criteria 1 to 5 | | | | | | Total Score | Priority |
|  | 1 | 2 | 3 | 4 | 5 | 6 |  | |
| Add Funds | 4 | 3 | 5 | 3 | 3 | 4 | 22 | High |
| Check Funds | 2 | 2 | 1 | 1 | 2 | 3 | 11 | Medium |
| Check History | 2 | 2 | 1 | 1 | 1 | 3 | 10 | Medium |
| Alert on Low Funds | 1 | 1 | 2 | 1 | 1 | 1 | 7 | Low |
| Alert on Hold | 1 | 1 | 2 | 1 | 1 | 1 | 7 | Low |
| Register User | 4 | 3 | 5 | 3 | 3 | 3 | 21 | High |
| Log in | 5 | 3 | 4 | 3 | 3 | 2 | 20 | High |
| Scan Card | 5 | 5 | 5 | 4 | 4 | 5 | 28 | High |

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| --- | --- | --- |
| Use Case Name: | Scan Card | Use Case Type: |
| Use Case ID | MT-00001 |
| Priority | High |
| Source | RFID Scanner |
| Primary Business Actor | Traveler | |
| Other Participating Actors | RFID System | |
| Description | This use case describes the event of a traveler with their travel card entering a maxi taxi with the system implemented. When the traveler enters, if a card is present the RFID scanner will register that a card is present and will check details such as if it has been activated or if it is a valid card, the status of the card if it is on hold or not, the funds, etc. On completion of these checks, it will let the system know a new passenger has arrived and to add it onto its list for that maxi taxi. | |

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| --- | --- | --- |
| Use Case Name: | Add Funds | Use Case Type: |
| Use Case ID | MT-00026 |
| Priority | High |
| Source | Website |
| Primary Business Actor | Website | |
| Other Participating Actors | Authenticator | |
| Description | This use case describes the event of a person logging into an account and then requesting to add funds to the related card. A credit card or other form of payment is provided to the system and if all inputted information is valid, the requested funds are added to the card for use. On completion the user is returned to the homepage of the website. | |