

# 1 User Story Implementation

This document contains the implementation of the below-mentioned user story.

## 1.1 User Story

- **Payment by card(US03)** : As a commuter, I want to recharge my travel card because I use public transport frequently.
- **Formulated by** : Dolly Modha
- **Implemented by** : Naren Morabagal

## 1.2 How I implemented this user story.

- **The Three C's : Card, Conversation, Confirmation** : The Three C's formula, developed by Ron Jeffries, helps to reach agreement between the business and the technical team on the meaning of the user story. The Three C's guide them through the progressive elaboration of a story, from a brief statement to a fully developed user story.
  1. **Card** As a commuter, I want to recharge my travel card because I use public transport frequently and I don't want to buy a ticket every time I travel to use the public transport facility.
  2. **Conversation** : This conversation happened between I and my teammates of the development team to ensure we have a clear understanding of what's being asked for and the value being provided.
    - Naren : For instance, I am a commuter who uses public transport. Why do I need a rechargeable travel card?
    - Dolly: Okay, tell me as a commuter are you a student who uses bus and metro service frequently if not on a daily basis or a commuter who travels using public transport less frequently?
    - Naren: I am a student, I use the bus and metro daily.
    - Dolly: Our TVM gives an option to the user to use the transport services by using a rechargeable travel card so that you don't have to buy a ticket every time you use the travel using a bus or metro which saves a lot of time and effort.
    - Naren: How often do I have to recharge the travel card?
    - Dhaval: We recharge it once a month.
    - Naren: Do I get an option to choose the recharge period, for example, once a week, or once every 2 months, or once in 6 months?
    - Lin: No, you are not given any option to choose the recharge time period.

- Naren: Will I save money if I use this rechargeable travel card instead of purchasing a ticket before every commute?
- Prithvi: Yes, maybe. But this is beyond the scope of our project. This is a business-level decision, and as developers of the user stories we don't have to worry about the cost of travel.
- Naren: Got it! I have a complete understanding of this user story.

### **3. Confirmation**

- By opting to use a rechargeable card and selecting the “recharge card” option, I make the payment and use the rechargeable travel card for my commute.
- **I have used HTML as it has many advantages and it is easy to implement.**
    - Browser Support
    - Document Editing
    - Better Interaction
  - **Folder contains**
    1. index.html
    2. InsertCard.html
    3. Recharging.html
    4. RechargeSuccess.html
    5. RechargeNotSuccess.html
    6. RemoveCard.html
    7. HomePage.html