**CARRY-A-WAY**

**Sprint 1 demo**

Backend document

**Developers:**Siva Praneeth  
Shriyans Nidhish

INTERFACE

The idea of Carry-A-way is to provide users with a cheap, convenient, step-by-step tracking and messaging enabled shipping facility for their check in luggage/item/sports/music kit etc. through courier service of their choice and get it picked/delivered at their origin/destination doorstep. All in just few clicks.

Carry-A-way is a web application developed using Go and Angular which allows users to travel hassle free without a worry of carrying bulky luggage/items and paying heavy charges to airlines.

* This document refers to the backend development work that was performed and completed in the sprint 1 (20th January 2022 to 4th February 2022).
* The development work is demonstrated in further pages with the help of code snippets and working screenshots.

Table of Contents

[User Stories Worked On 4](#_Toc94889356)

[User story #1 4](#_Toc94889357)

[User story #2 5](#_Toc94889358)

# User Stories Worked On

User story #1 Implement Pricing functionality

* **Description:** As a User, I should be able to get the prices based on my input (JSON).

**Acceptance Criteria:**

* The API should return the values in the expected JSON format.

Graphical user interface, text, application, email

Description automatically generated  
Fig 1

**Fig 1:** This image shows the pricing details for one luggage that’s within allowed dimensions. Using Get method input is entered through URL and output is the pricing details in JSON format.

Graphical user interface, application

Description automatically generated

Fig 2

**Fig 2:** This image shows the pricing details for three luggage that’s within allowed dimensions. Using Get method input is entered through URL and output is the pricing details in JSON format.

Graphical user interface, application

Description automatically generated

Fig 3

**Fig 3:** This image shows the pricing details for two luggage that’s within allowed dimensions. Using Get method input is entered through URL and output is the pricing details in JSON format.

User story #2 Implement Booking functionality

* **Description:** As a User, I should be able to book a trip.

**Acceptance Criteria:**

* The API should return the booking details as expected in JSON format.

Graphical user interface, application, Word

Description automatically generated  
Fig 4

**Fig 4:** This image shows the basic booking details for three luggage that’s within allowed dimensions. Using post method input is entered through URL and output is the booking details in JSON format.

Graphical user interface, application

Description automatically generated  
Fig 5

**Fig 5:** This image shows the all the bookings details for luggage that’s within allowed dimensions. Using post method input is entered through URL and output is the booking details in JSON format.

Graphical user interface, application

Description automatically generated  
Fig 6

**Fig 6:** This image shows the basic booking details for a specific customer. Using get method customer id is entered as an input through URL and output is the booking details in JSON format.

Text

Description automatically generated  
Fig 7

**Fig 7:** This image shows the logic behind the customer id generation.

Graphical user interface, application, Teams

Description automatically generated  
Fig 8

**Fig 8:** This image shows the receipt of the booking. Input through URL and output is the booking details in JSON format.