NATIONAL UNIVERSITY OF MODERN LANGUAGES

Software Construction And Development lab Report - 3

NAME: M Abdul Rafay (FL23791)

M Usman Tanveer (FL23848)

Zulkifal (SP23660)

Elisha Abbasi   (SP23606)

PROGRAM: BSSE (5th Semester)

COURSE: Software Construction and Development

SUBMITTED TO: Sir Ahsan Arif

DATE: 9/29/2025   **DAY: Monday**

Lab Task

Task : Create a package diagram for the Travel Booking System that clearly identifies the main package, sub-packages, and their dependencies.

The Travel Booking System enables users to book flights, hotels, and car rentals in an integrated platform. The main elements are:

- Main Package: Travel Booking System

- **Sub-Packages:**

    o   Flights

    o   Hotels

    o   Car Rentals

    o   User Profiles

    o   Payment

    o   Authentication

Dependencies:

- Flights → Payment

- Hotels → Payment

- Car Rentals → Payment

- User Profiles → Authentication

- Flights, Hotels, Car Rentals → External Services (for availability and pricing).

External Services

<<access>>

<<access>>

<<access>>

Travel Booking System

Flights

Payment

Car Rentals

Hotels

User Profiles

Authentication