**National University of Computer & Emerging Sciences**

**Karachi Campus**

****

**Project Proposal**

**Object Oriented Programming**

**Section: E**

**[ADVANCE TOUR GUIDES]**

This project will be submitted as partial requirement for the course CS-217 in spring 2021.

**Member 1:** [Insha Samnani (k20-0247)]

**Member 2:** [Yusra Adam (k20-0207)]

**Member 3:** [Sanan Baig (k20-0165)]

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Goal:**

We are developing a system of tour guiding that will work to manage all elements of travel in an efficient, safe, and ethical manner.

**Description:**

This system will offer tours to various cities in Pakistan. The information provided by the user will entertain them as per their interest in several areas, including mode of travel, medical cautions, and different activities. Also, we will be providing information regarding various tour packages. Furthermore, this program will maintain a connection between tour guides and tourists through an administrative platform. Lastly, it will also consider the banking system as per the requirements for billing and loan facilities.

**Actors/System User(s):**

[Administration and Tourists].

**List of Features:**

1. Providing searching facility.
2. Providing different tour packages as per the preference of tourists.
3. Notifying the tour guides on the selection of their respective tours by tourists.
4. Providing health assurance.
5. Specifying the list of activities as per the interests of tourists.
6. Specifying the mode of transportation and food sources as per the financial situation of the tourists.
7. Calculating the total bill including the discount (If gained by the tourists on the basis of specified requirements).
8. Providing loan facility for their expenses (If they need).
9. Updating, deleting, and modifying the records of tourists by administration.

**Tools & Techniques:**

Programming language: C++ Language.

Framework: Dev C++.

Operating System: Windows.