School of Computing

SRM IST, Kattankulathur – 603 203

Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

Experiment No	10
Title of Experiment	Develop a Testing Framework/User Interface
Name of the candidate	Aniket Mishra
Team Members	G. Avinashh, Prachi Pandit
Team Name	Find Your Air (F.Y.A)
Register Number	RA2011003010098
Date of Experiment	20.6.22

Mark Split Up

S. No	Description	Maximum Mark	Mark Obtained
1	Exercise	5	
2	Viva	5	
	Total	**10**	

Staff Signature with date

Aim:

To develop the testing framework and/or user interface framework for Find Your Air (F.Y.A)

Team Members:

S No	Register No	Name	Role
1	RA2011003010085	Prachi Pandit	Rep/Member
2	RA2011003010080	G. Avinashh	Member
3	RA2011003010098	Aniket Mishra	Member

Executive Summary

FIND YOUR AIR (FYA) is a website that enables users to track flights from anywhere possible on the earth. Not merely that, it provides us with the option of tracking a particular passenger on that flight, any changes in the timings of the flight, and any luggage associated with the passengers traveling on that flight. This application is an aid to the protection of one's goods and people. It makes traveling for the layman easier all over the world and also helps in case of a mishap such as lost luggage, or bad weather affecting a flight journey. The application provides a myriad of additional functions to ease and smoothen out the process too.

Test Plan

Scope of Testing

Functional:

The user will be provided a direct option to locate the flight, provided they have the flight details, on maps online, along with their arrival and departure timings.

Non-Functional:

The user will also be able to track their luggage on a cargo plane as well as be able to track the boarding status of a passenger. Any modifications in the timings of the flight will also be available on the website and be updated from time to time.

Types of Testing, Methodology, Tools

Category	Methodology	Tools Required
Functional Requirements	Manual	Word Template
Non-functional Requirements	Automation and Feedback	Website (Jupyter Notebook)

Result:

Thus, the testing framework/user interface framework has been created for Find Your Air (F.Y.A).