TEST PLAN

Confirmtkt

1. TEST PLAN IDENTIFIER:

Confirmtkt v7.4.14 MTP_1.0

2. REFERENCE:

- Google
- Playstore

3. INTRODUCTION:

Confirmtkt is an tours and travelling application. The Confirm Ticket app allows the passengers to view the seat availability of various trains. It will also show all the tatkal tickets available on a specific route. Passengers will no longer be required to enter the train numbers to get details on this app. You can even predict PNR confirmation status. This document describes the test strategy, objectives, schedule, deliverables, and resources required to perform testing for a software product.

4. TEST ITEM:

- **Home:** It contains all menus
- **Profile:** It contains all user account setting
- **Support:** It contains all questions and answers about application

5. FEATURES TO BE TESTED:

1) Home:

- Search trains
- Search flight
- Sign up ixigo
- Login ixigo
- Seat Availability
- Train schedule
- Running status
- Live station
- Tutorials
  - How to book train ticket
  - How to create IRCTC UserID
  - How to cancel train ticket
  - How to reset IRCTC password
  - How to change boarding point

2) Profile:

- Create IRCTC account(Registration)
- Login
- Change IRCTC password
- Forgot IRCTC Password
- Reset IRCTC password

- App Language
- Privacy Policy
- About
- Logout

3) Support:

- FAQ
- Language
- Need Help with something else
    - Call Us

6. FEATURES NON TO BE TESTED:

1) Home:

- Book APSRTC
- PNR status
- IRCTC Food booking
- Train chart vacancy
- Book Bus
- Book Flights
- Alternates Train+Train
- Rate & share our APP
- Book train
- cancel

2) Profile:

- My reviews
- Saved IRCTC ID
- Saved passengers
- Preferred class

7. TEST APPROACH:

As part of Functional Testing, we will follow the below approach for Testing :

Step 1 – Creation of Test Scenarios and Test Cases for the different features in scope.

- We will apply several Test Designing techniques while creating Test Cases
    - Equivalence Class Partition
    - Boundary Value Analysis
    - Decision Table Testing
    - State Transition Testing
    - Use Case Testing
- We also use our expertise in creating Test Cases by applying the below:
    - Error Guessing
    - Exploratory Testing

- We prioritise the Test Cases

Step 2 – Our Testing process, when we get an Application for Testing:

- Firstly, we will perform Smoke Testing to check whether the different and important functionalities of the application are working.
- We reject the build, if the Smoke Testing fails and will wait for the stable build before performing in depth testing of the application functionalities. •
- Once we receive a stable build, which passes Smoke Testing, we perform in depth testing using the Test Cases created.
- Multiple Test Resources will be testing the same Application on Multiple Supported Environments simultaneously.
- We then report the bugs in bug tracking tool and send dev. management the defect found on that day in a status end of the day email.
- As part of the Testing, we will perform the below types of Testing: o Smoke Testing and Sanity Testing o Regression Testing and Retesting o Usability Testing, Functionality & UI Testing
- We repeat Test Cycles until we get the quality product.

Step 3 – We will follow the below best practices to make our Testing better:

- Context Driven Testing – We will be performing Testing as per the context of the given application.
- Shift Left Testing – We will start testing from the beginning stages of the development itself, instead of waiting for the stable build.
- Exploratory Testing – Using our expertise we will perform Exploratory Testing, apart from the normal execution of the Test cases.
- End to End Flow Testing – We will test the end-to-end scenario which involve multiple functionalities to simulate the end user flows.

8. TEST DELIVERABLES:

- Test plan
- Test scenario
- Test Case
- Defect Report

9. TEST ENVIRONMENT:

Hardware	
RAM	2GB
Processor	Intel Core i5, AMD Ryzen 9, Snapdragon

Software	
Operating System	Android, iOS, windows 10, Mac OS
Browsers	Google Chrome, Mozilla Firefox , Safari Browser

10. SCHEDULE:

Sr.No	Task/Activities	Days(Hrs)	Date Range
1	Test Plan Writing	2	11/4/2022-12/4/2022
2	Test Scenario Writing	2	13/4/2022-14/4/2022
3	Test Case Writing	3	18/4/2022-20/4/2022
4	Test Case Execution	3	21/4/2022-26/4/2022
5	Defect Reporting	1	27/4/2022-28/4/2022

11. ROLES AND RESPONSIBILITIES:

Sr.No.	Name of the Person	Designation	Task/Activities
1	Priyanka patil	Tester	Test Plan Creation Test Scenario Creation Test Case Creation Test Case Execution Defect Reporting

12. STAFFING AND TRAINING:

Training Conducted By	Employee Name	Training Topic
Shreejith Mohan	Priyanka Patil	Manual Testing Training

13. SOFTWARE RISK ISSUES(Product Risk):

- Lack of tools
- Lack of budget
- Lack of resources
- Lack of training
- Safety and security related issues
- Data base security related issues

14. RISK AND CONTINGENSIS(Project risk):

- Delay in Receiving Built

- Network connection issue
- Installation issue
- Lack of resources
- Backup and restore
- Database connection issue

15. SUSPEND AND RESUME CRITERIA:

Suspended Criteria	Resume Criteria
1) Show stopper defect found	1)show stopper defect is resolved and retested
2) Phone/ laptop Battery Down	2)Phone battery issue resolved
3) Phone/system crashed	3)Phone is repair and started working
4) Network not Available	4)Network is available.

16. ITEM PASS/FAIL CRITERIA:

EXIT CRITERIA: (Item pass/fail criteria)
All the test cases should executed (i.e. 100% Test Coverage)
90% Test cases should be pass and 10% test case may be failed with low Severity and priority
Required quality of product (software) should be achieved
All the Test Deliverables should be Updated.

17. APPROVAL

Sr. No.	Name of the person	Designation / Role	Date	Remark (Approved/ Unapproved)	Signature
1	Shreejith Mohan	Test Manager			