

TRACK RIDER

A Project Report

Submitted in partial fulfillment of the
Requirements for the award of the Degree of

BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)

By

Inder Chawariya (3037575)

**Under the esteemed guidance of
Mrs. Prajisha Jitesh**



**DEPARTMENT OF INFORMATION TECHNOLOGY
V.E.S COLLEGE OF ARTS, SCIENCE AND COMMERCE
(Affiliated to University of Mumbai)
CHEMBUR, 400071
MAHARASHTRA
2018-2019**

V.E.S COLLEGE OF ARTS, SCIENCE AND COMMERCE
(Affiliated to University of Mumbai)
CHEMBUR – MAHARASHTRA – 400071

DEPARTMENT OF INFORMATION TECHNOLOGY



CERTIFICATE

This is to certify that the project entitled, “**Track Rider**”, is bonafied work of **Inder Chawariya** bearing Seat No: **3037575** submitted in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF SCIENCE in INFORMATION TECHNOLOGY** from University of Mumbai.

Internal Guide

Coordinator

External Examiner

Date :

College Seal

PROFORMA FOR THE APPROVAL PROJECT PROPOSAL

PNR No.:

Seat No.: 3037575

1. Name of the Student: Inder Chawariya

2. Title of the Project: Track Rider

3. Name of the Guide: Mrs. Prajisha Jitesh

4. Teaching experience of the Guide: 15 years

5. Is this your first submission?

Yes

No

Signature of the Student

Signature of the Guide

Date:

Date:

Signature of the Coordinator

Date:

ABSTRACT

Back in the day, Riding & Touring wasn't much popular with owning a vehicle just being a luxury that some can afford. Now a days, vehicles are becoming very common & owning a vehicle which can make our life easier in the city & gives equal the fun while riding long distances is not a luxury anymore but a necessity. Due to this, Riding Community is growing at a pace that is never seen before. Riding isn't easy & when done wrong can be fatal. Making products for riders which ease their riding are accepted widely in the riding community. Various products have already been made for such purpose. Such a product is this Android Application which helps them keeping a track on their partners on the go. This paper is a review of Track Rider mobile application which is made for Android Devices.

ACKNOWLEDGEMENT

The success and final outcome of this project required a lot of guidance and assistance from many people and I am extremely privileged to have got this all along the completion of my project. All that I have done is only due to such supervision and assistance and I would not forget to thank them.

I respect and thank Dr. (Mrs.) Anita Kanwar, Principal of V.E.S College of Arts, Science and Commerce for providing me an opportunity to do the project work in the college premises and giving us all support and guidance which made me complete the project duly.

I owe my deep gratitude to our Co-ordinator Prof. (Mrs.) Jayalakshmi Srinivasan, who took keen interest on our project work and guided us all along, till the completion of our project report by providing all the necessary information for developing a good report.

I would not forget to remember Prof. (Mr.) Digvijay Parab and Prof. (Mr.) Ganesh Anandraj, for their encouragement and more over for their timely support and guidance till the completion of our project work.

I heartily thank our internal project guide, Prof. (Mrs.) Prajisha Jitesh, for her guidance and suggestions during this project report.

I am thankful to and fortunate enough to get constant encouragement, support and guidance from all Teaching staffs of Information Technology which helped us in successfully completing our project work.

DECLARATION

I here by declare that the project entitled, “Track Rider” done at V.E.S College of Arts, Science and Commerce, has not been in any case duplicated to submit to any other university for the award of any degree. To the best of my knowledge other than me, no one has submitted to any other university. The project is done in partial fulfillment of the requirements for the award of degree of BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY) to be submitted as final semester project as part of our curriculum.

Name and Signature of the Student

TABLE OF CONTENTS

CHAPTER 1: INTRODUCTION	1
1.1 Background	1
1.2 Objectives	1
1.3 Purpose, Scope, and Applicability	1
1.4 Achievements	2
1.5 Organization of Report	2
CHAPTER 2: SYSTEM ANALYSIS	3
2.1 Existing System	3
2.2 Proposed System	5
2.3 Requirement Analysis	6
2.4 Software & Hardware Requirements	8
CHAPTER 3: SYSTEM DESIGN	9
3.1 Module Division	9
3.2 Planning & Scheduling	10
3.3 Dataflow Diagrams / UML	21
CHAPTER 4 : IMPLEMENTATION & TESTING	35
4.1 Code	35
4.2 Testing Approach	39
CHAPTER 5 : RESULTS & DISCUSSIONS	45
CHAPTER 6 : CONCLUSION & FUTURE WORK	51
6.1 Conclusion	51
6.2 Limitation	51
6.3 Future Work	51
CHAPTER 7 : REFERENCES	52

LIST OF TABLES

Software & Hardware Requirements	8
Gantt Chart	10
Pert Chart	11

LIST OF DIAGRAMS

Sequence Diagram	22
Use Case Diagram	23
State Transtion Diagram	25
Component Diagram	27
Collaboration Diagram	28
Activity Diagram	30
ER Diagram	32
DFD Diagram	33