



Book My Bus (EVS Project 2016)

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INTRODUCTION

The past few years have reported a spike in the number of crime-related cases while travelling in public transport. Be it DTC buses or Uber/Ola, these cases keep on coming. This has resulted in a lack of enthusiasm or should we say fear in the minds of the common folk when it comes to public transport. All these factors have resulted in the failures of most major public transport schemes launched by the government like the BRTS. In a survey, most citizens revealed that the most important expectation that they have from public transportation is "Safety". With Book My Bus, we aim to solve these problems. How about having a service that lets you send SOS messages when in distress? Or allow you to skip the queue while booking tickets? Or help you save the hassle of carrying cash? Don't look away, Book My Bus is what you need.

OBJECTIVES

- With this app we try to provide:
 - A fast, safe and hassle free way to travel
 - Book tickets on the go
 - Find out the safest route.
 - SOS
 - Feedback

HOW THE APP WORKS

- Supports both mobile and desktop.
- All buses are registered.
- Can see the safety ratings of a bus.
- Info of the driver and conductor.
- Find the safest route

SAVES TIME

- Avoid the hassle of standing in long queues.
- Spot on timings through GPS, avoid waiting in bus-stops.
- Complain if a bus is late.

AVOID CURRENCY

- Net Banking
- Card payment
- PayTM and others

PLAN THE ROUTE

- Plot routes between your way-points.
- See alternate routes.
- Choose the safest route.

SAVES ENVIRONMENT

- Reduces paper wastage.
- Reduce number of cars on road.

SAFETY FIRST

- Route feedback
- SOS Message
- Driver/Conductor details

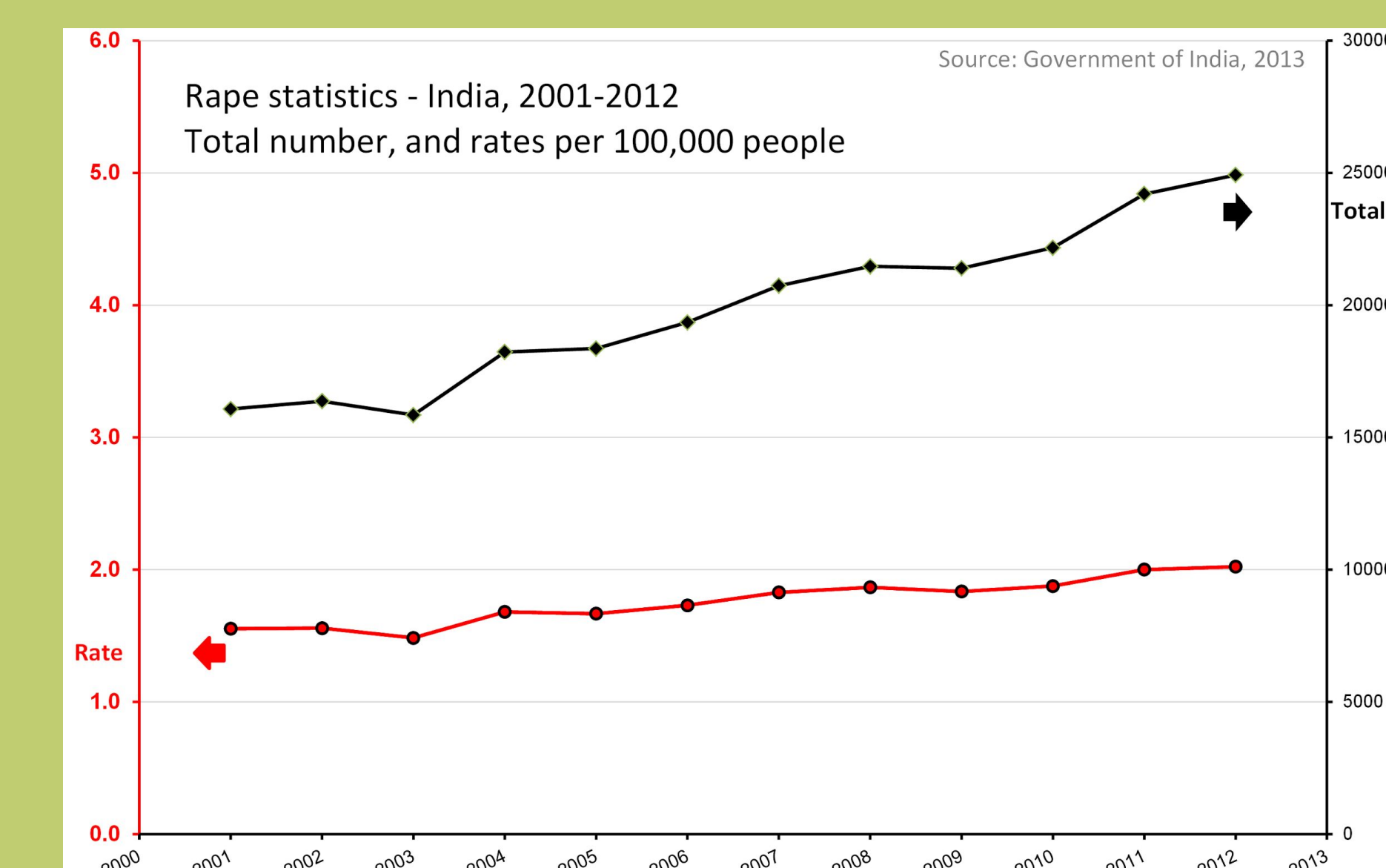
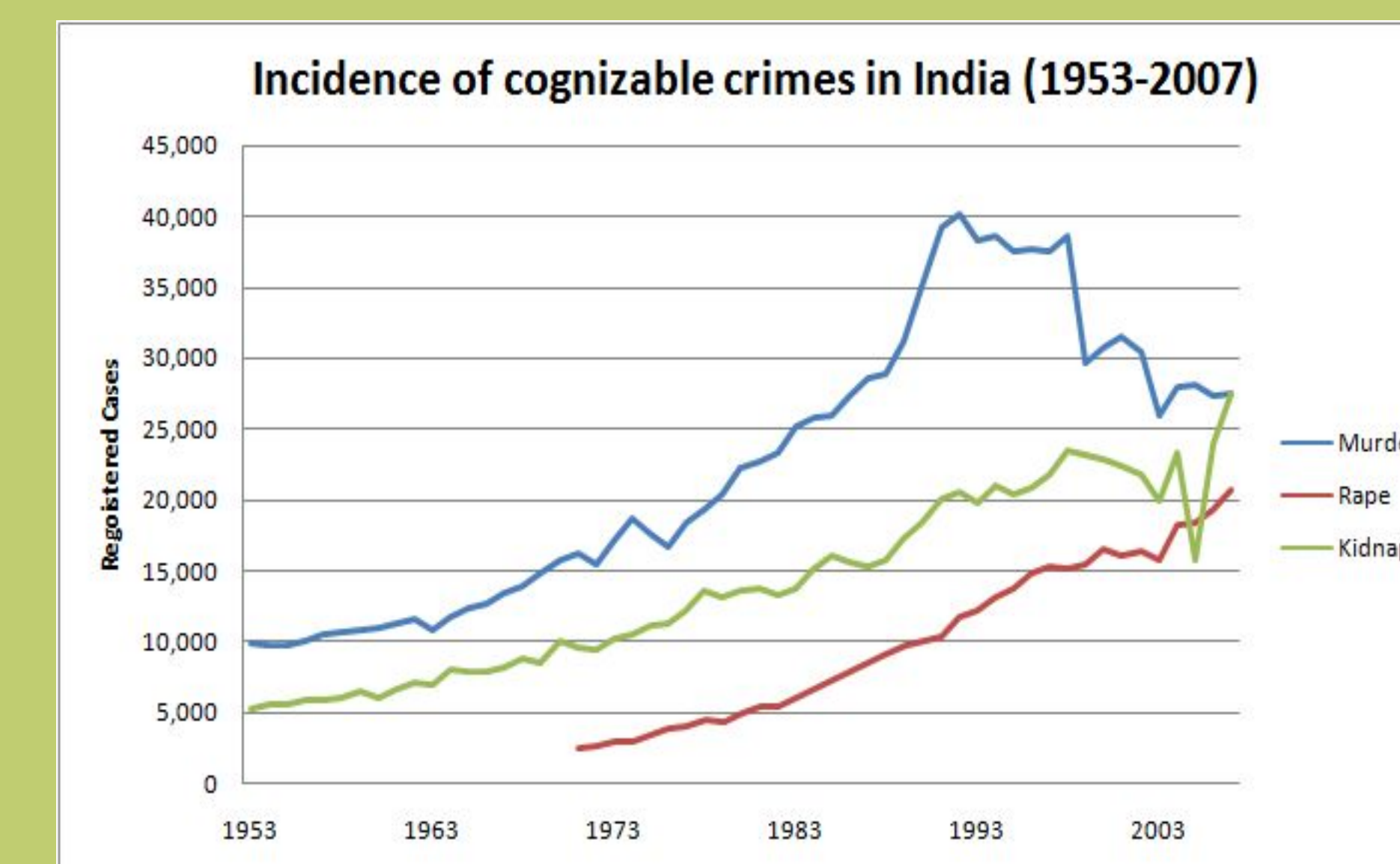
MILESTONES

- Project Outline Completed
- Create the website Completed
- Add functionality Completed
- Mobile App Completed
- Database Integration Completed

MARKET RESEARCH

There is a dire need for such an app in the market right now. Although there are apps like Uber, Ola or others but they hardly have something like the SOS feature that we have. In the graphs, you can clearly see that the crime rates are on the rise and such an app is long overdue.

GRAPH



SPONSORSHIP

At the moment, there is a huge demand for a public transportation application. The governments of several states and cities (including Delhi) are organising multiple innovation competitions to tackle this issue. Finding a sponsor for such an application will be relatively easier. A simple Google search yields this result (<http://bit.ly/1SCI6MB>)

PROJECT OUTPUT

- An Android based Mobile App
- A Desktop App

INNOVATION

- SOS Messages: You can save the names of emergency contacts in the app. In case of some emergency or distress, you can press the SOS button which immediately notifies these people with your location.
- Cashless: The app supports credit cards, internet banking as well as apps like PayTM etc.
- Route-Plot: You can easily plot the safest and shortest route between two points based on the customer feedback.
- Identity: Since the details of the driver and conductor are passed on to you while booking the ticket, you know whom to catch in a sticky situation.

COST EFFECTIVENESS

The Mobile App as well as the desktop application are free and readily available on the store. Implementing this project on a large scale will be very cost effective in the sense that we would need only a handful of people in the technical team and a few people in the customer care center. All the other infrastructure that is required is already present there.

A GLIMPSE OF THE APP

