Railway Reservation System

(Software Development Project- 1)

Supervised by:

M. M. Fazle Rabbi

Assistant professor

Department of Computer

Science and Engineering

Bangladesh University of

Business and Technology

Presented by:

- Syeda Nowshin Ibnat (ID:17183103020)
- Mahmuda Begum (ID:17183103030)
- Fatema-Tuz Zohra (ID:17183103009)

  Intake-39(section-1)

  Dept. of Computer Science and Engineering

Outline

► Introduction

► Problem Statement

► Objectives

► Technology

► Modules

► Use Case Diagram

► Flow chart

► Benefits

► Conclusion

3

Introduction

- The basic functions being performed by our system are reservation and cancellation.

- It contains information about the trains.

- It also contains information about the Seat Availability.

- Reservation Possibilities.

- Train Ticket booking.

Problem Statement

► Reserve seat: A passenger should be able to reserve a seat in the train specified by him if available. For this he has to fill the required information.

►Cancel reservation: There may arise a case when the passenger wants to cancel his reservation. For this he has to provide his phone number.

►View Information of the passengers: Only the Admin can do this task.

►Update train information: All the users should be able to see the information about the reservation status & train schedule, train name, train number etc.

Objective

This project intends to introduce more user friendliness in the various activities. The activities of our System are going to be like:

- View information

- Book ticket

- Cancel ticket

- Search for particular ticket

- Admin

1. View passengers

2. Add train

3. Delete train

- Exit

Technology

Code::Blocks :

- Code Blocks is a free, open source cross-platform IDE(integrated development environment)that supports multiple compilers.

- Currently, Code Blocks is oriented towards C, C++, and Fortran.

- Code Blocks is being developed for Windows and Linux.

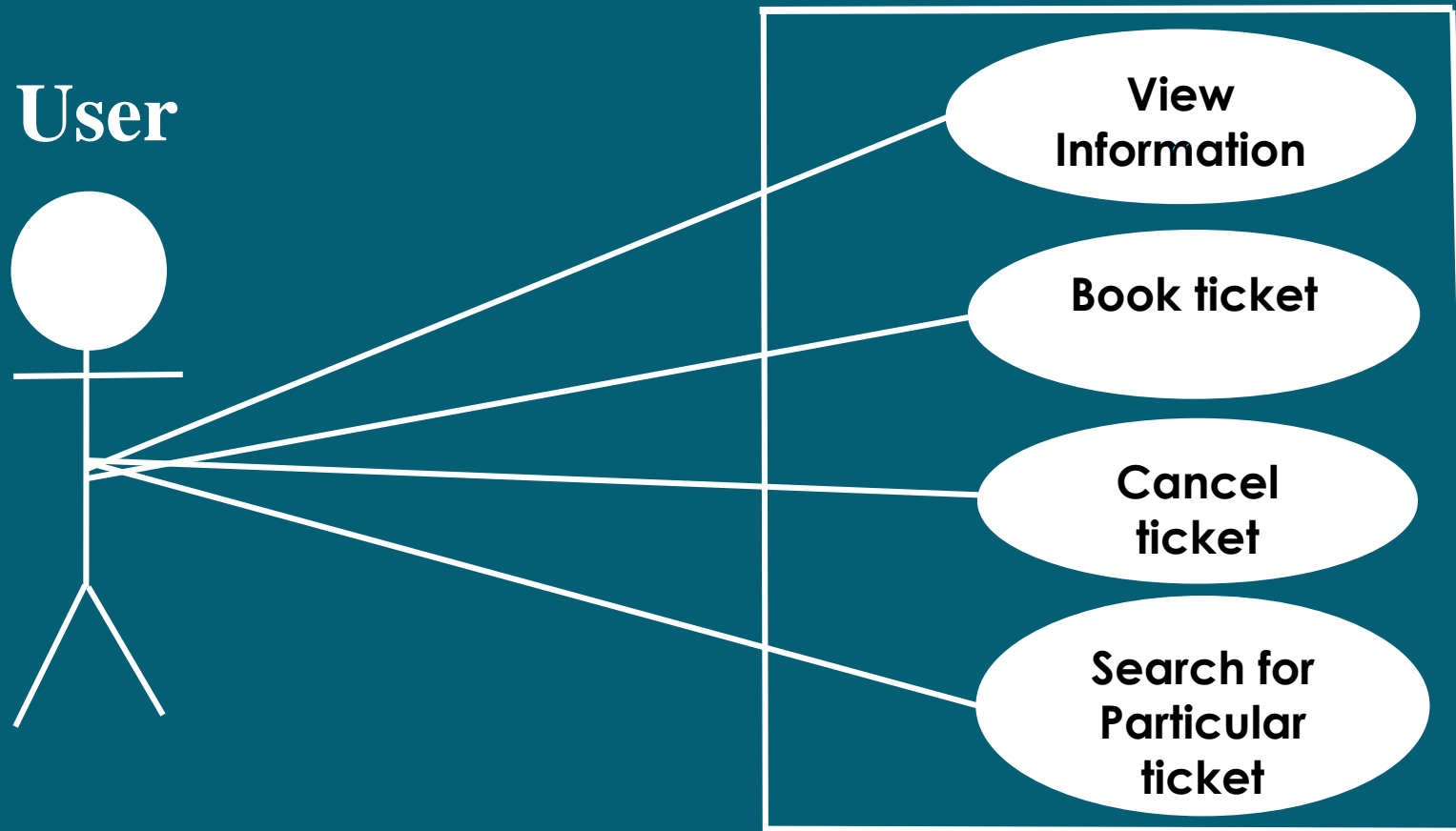- Version 17.12 is the latest stable release.(release date: December 30, 2017).

User Module

- View Information

- Book ticket

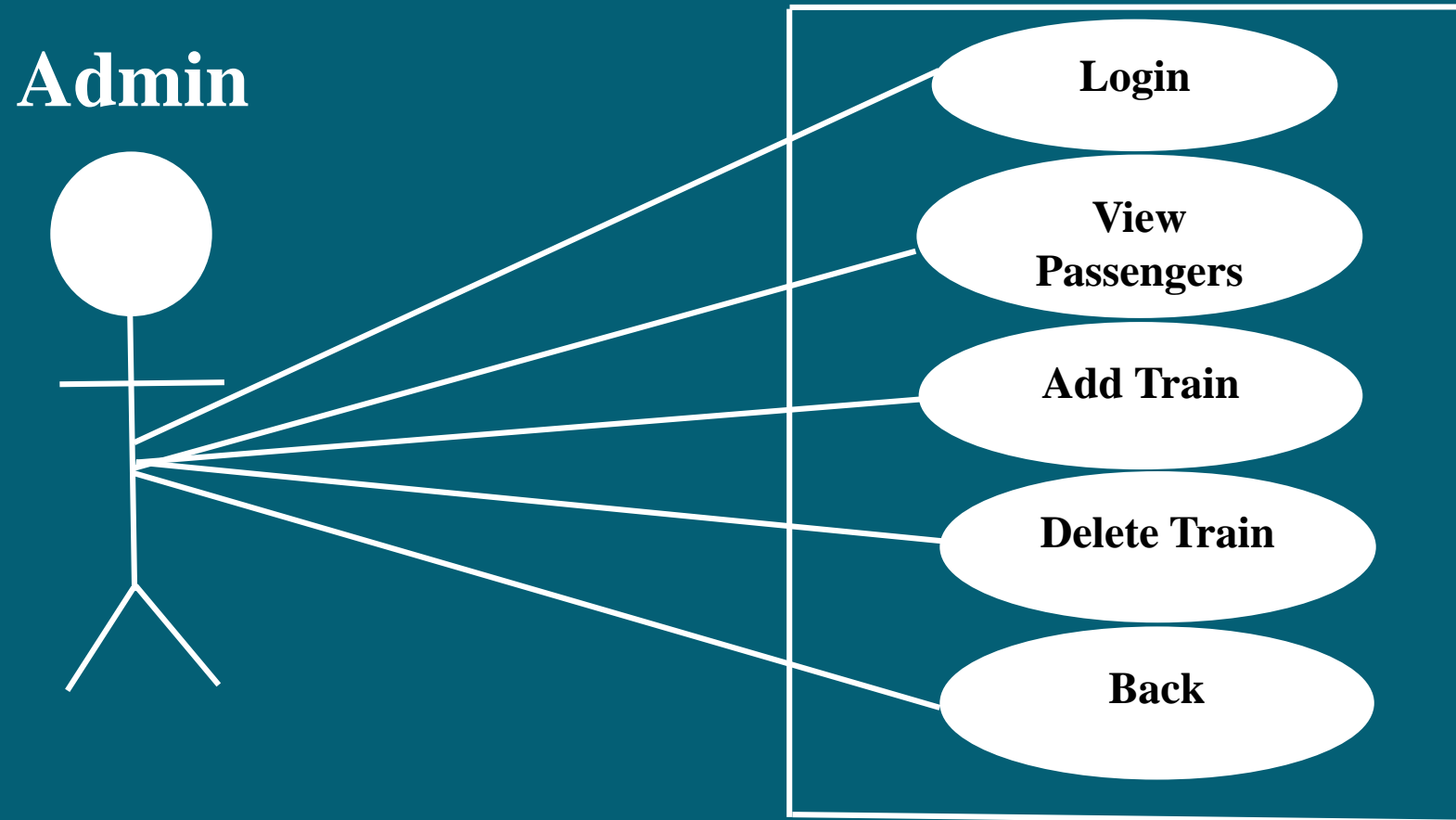- Cancel Ticket

- Search for Particular ticket

Admin Module

- Login

- View Passengers
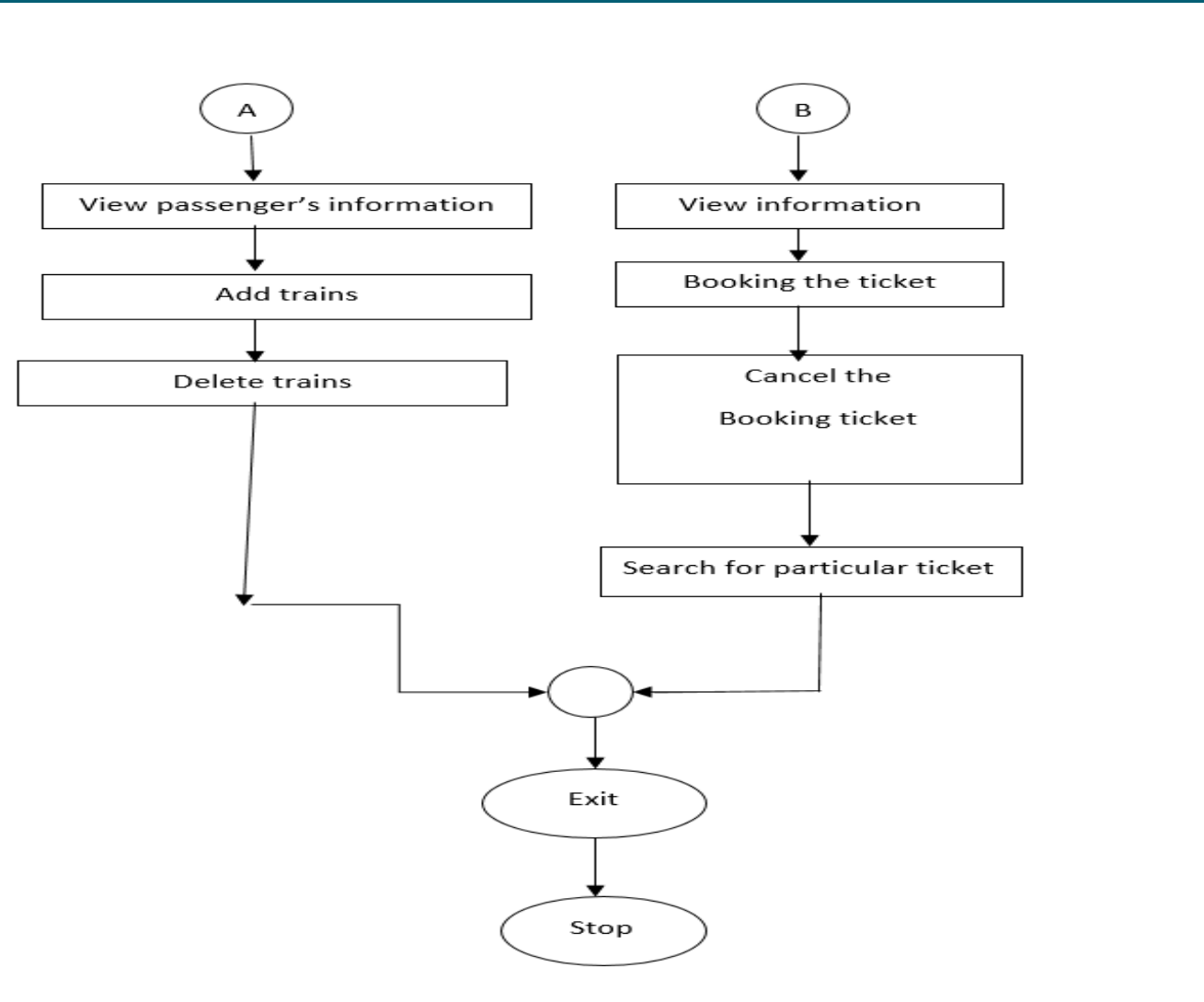
- Add Train

- Delete train

Use Case Diagram for User

User

- View Information
- Book ticket
- Cancel ticket
- Search for Particular ticket

Use Case Diagram for Admin

Flow Chart

Benefits

1) This system is very easy to use.
2) It produces an easier and flexible way of booking.
3) Actually passengers use this system to reserve tickets.
4) Also they can easily cancel their reservation.
5) Passengers can Search for particular ticket.
6) This system consists with security.
7) We can add more features to modify this project in future.

Conclusion

- The main aim of developing this project was to provide all the information that is required by users.

- Our project is user friendly. So, users can get all the information without complicated searching.

- Other important things of this system are: data security, extensibility and maintainability.

- This project greatly helped us to understand the various phase in software development.

Thank You!