

Name: Tabammum Haque Pranty

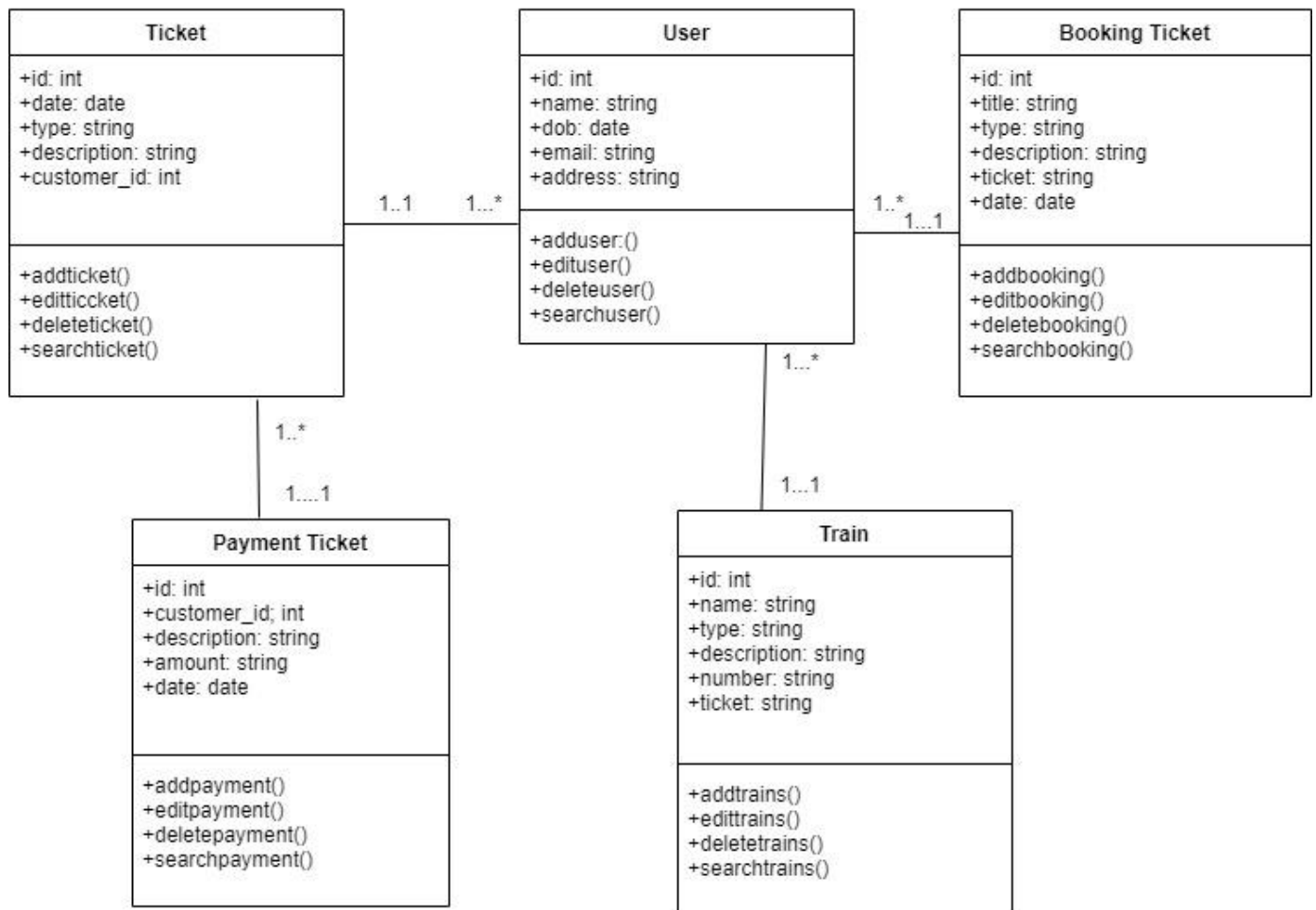
ID: 19-40822-2

Course: Software Engineering

Section: D

CLASS DIAGRAM:

Android Local Train Ticketing System



DATABASE TABLE:

User table

id: serial (auto increment - Primary Key) - integer

name: varchar

dob: datetime

email: varchar

address: varchar

Records in user

id	name	dob	email	address
1	Kamal	10-2-2=2001	Kamal67@gmail.com	20/10, Fulpara road, Malibag,Dhaka
2	Rahul	3-5-2005	Rahul12@gmail.com	123 Kazipara road,Banani,Dhaka

Ticket table

id: serial (auto increment - Primary Key) – integer

date: datetime

type: varchar

description: varchar

customer_id: integer (Unique Key)

Records in Ticket

id	date	type	description	Customer_id
1	2-4-2021	Tista ticket	Morning at 7:30 am	Customer001

2	15-4-2021	Shuborno Express ticket	Evening at 6 pm	Customer002
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Booking Ticket table

id: serial (auto increment - Primary Key) – integer

title: varchar

type: varchar

description: varchar

ticket: varchar

date: datetime

Records in Booking Ticket

id	title	type	description	ticket	date
1	Book ticket for Tista	Tista	Book for morning	1	24-1-2021
2	Book for Shonar Bangla	Shonar Bangla	Book for evening	3	20-2-2021

Payment Ticket table

id: serial (auto increment - Primary Key) – integer

customer_id: integer (Unique Key)

description: varchar

amount: varchar

date: datetime

Records in Payment ticket

id	customer_id	description	amount	date
1	customer001	Pay through bkash	500	2-1-2021
2	customer002	Pay through credit card	1000	17-2-2021

Train table

id: serial (auto increment - Primary Key) - integer

name: varchar

type: varchar

description: varchar

number: varchar

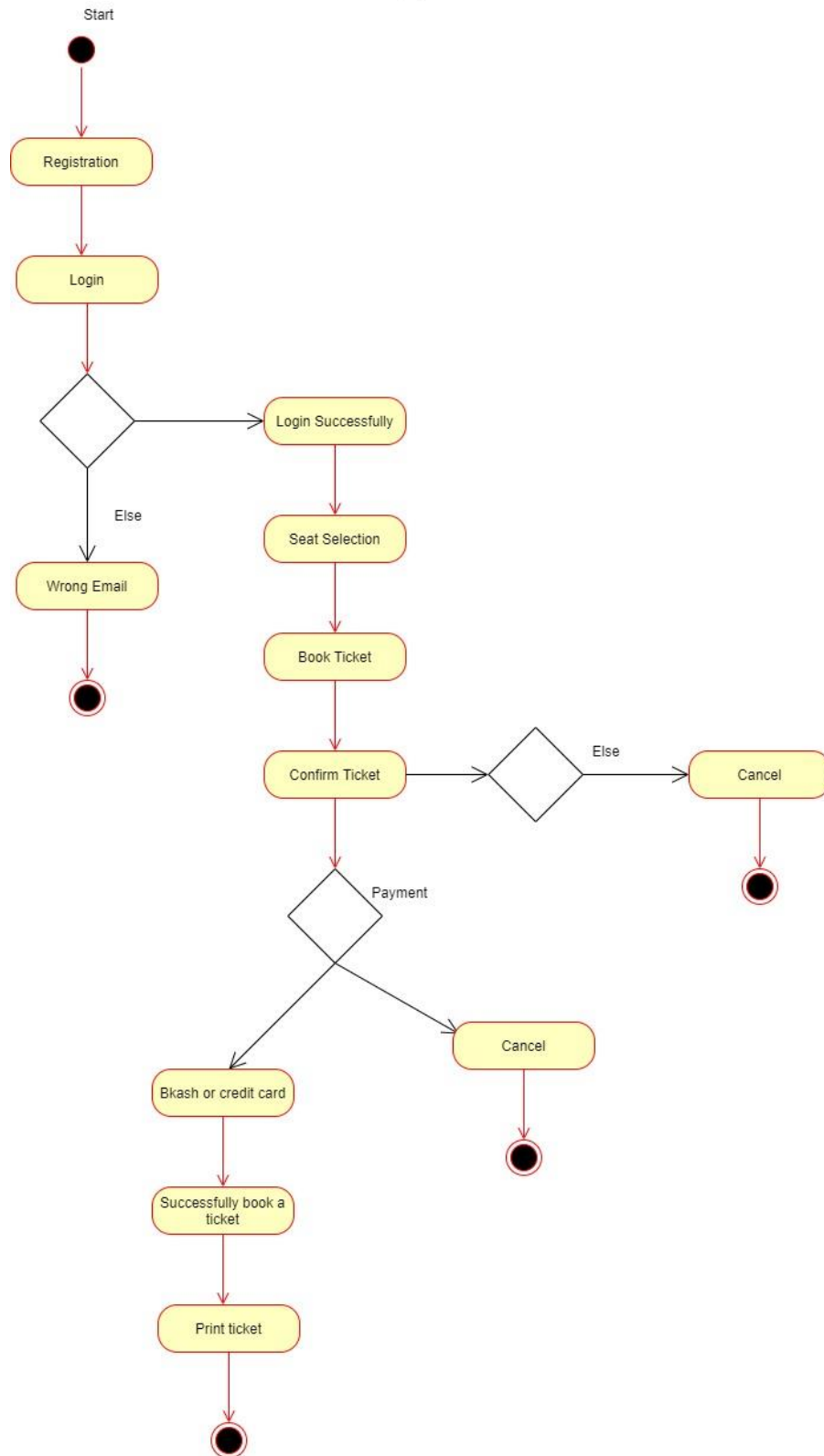
ticket: varchar

Records in Train

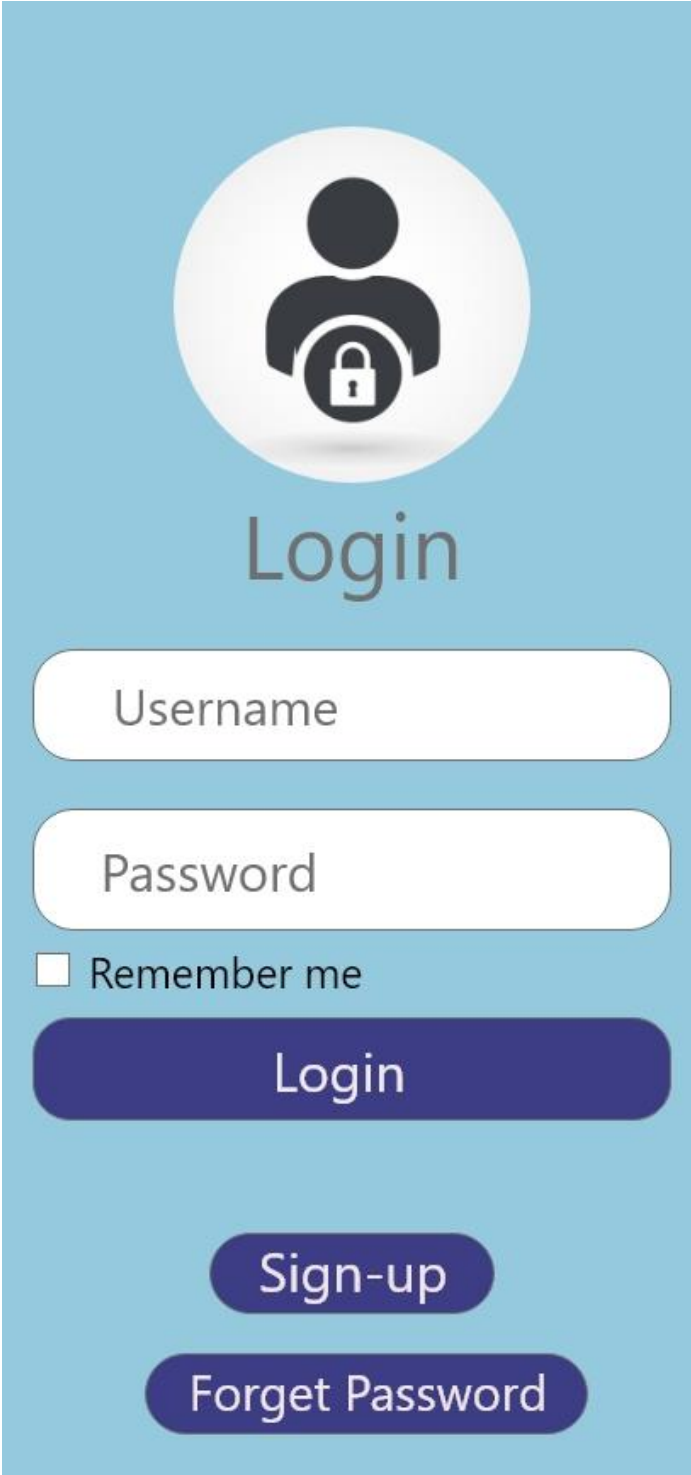
id	name	type	description	number	ticket
1	Tista	Tista Express	Tista at morning	0023	2
2	Shonar Bangla	Shonar Bangla Express	Shonar Bangla at evening	0014	4

Activity Diagram


Android Local Train Ticketing System



UI MOCKUP



A login form UI mockup on a light blue background. At the top is a circular icon with a black silhouette of a person and a padlock. Below the icon is the word "Login" in a large, dark gray font. The form contains two white input fields with rounded corners, labeled "Username" and "Password". Below the "Password" field is a checkbox labeled "Remember me". There are three dark blue buttons with white text: "Login", "Sign-up", and "Forget Password".



Login

☐ Remember me

Login

Sign-up

Forget Password

Home



Purchase



- Information



History



Tracking

