K. K. Wagh Polytechnic, Nashik.
HirabaiHaridasVidyanagari, Amrutdham, Panchavati,Nashik-422003
Department of Computer Technology

Micro-Project Report

Institute Code: 0078
Academic Year: 2022-23   **Program**: Computer Technology
Course: Java Programming   **Course Code**: 22412 **Scheme** : I
Semester: 4   **Class:** SYCM- I   **Date of Report**: 17/04/2023

Title of Micro-Project: Java Program to Online Cinema Booking (Cinema Go)

1.0 Problem Definition:

To develop an Online Cinema Booking in java. Java is a platform independent as well as high-level, class-based, object-oriented programming language that is designed to have as few implementation dependencies as possible. It is a general-purpose programming language intended to let programmers write once, run anywhere. written a program in Java such that it creates a Cinema Booking which Book movie ticket online.

2.0 Rationale:

This micro project is developed as a part of "Java Programming" course. It is expected to develop a small industry based or field based or market requirement-based application using 'Java' language. The main intention is learning the Java programming by implementing the various concepts of C++ & C language such as arrays, input-output functions, various library functions, Member functions, classes and their objects used decision-making and etc. The implementation of this project also develops the soft skills among us such as working in a team, group discussion, decision making etc.

3.0 Aim /Benefits of Micro-Project:

The Aim/Benefits of this project is:
        1.To know the basic concepts of Java Programming.
        2.To learn about applet functions and methods.
        3.To design a Cinema Booking using Java Programming.

4.0 Course Outcomes Achieved (Cos):

CO402.1: Develop programs using Object Oriented methodology in java.
CO402.2: Develop program using multithreading.
CO402.3: Develop program using Graphics and applet.

5.0 Literature Review:

We have referred different websites such as Javatpoint, GeeksforGeeks for referring various, functions, packages and classes

6.0 Actual Methodology follow:

1.Selection and conformation of project title.
2.Discussion About the project title with team members.
3.Refered various books and websites for searching of functions & classes.
4.Created a program using multithreading, Exception handling and various trigonometric functions.
5.Finalised the program and output of program.
6.Preparing proposal and report.
7. Submission of Micro-project and viva.

7.0 Actual Resources used:

Sr.no	Name of resource/material	Specification	qty	Remark
1	Laptop	AMD Ryzen-7 4800H 2.90 GHz RAM-16GB	01	For project work
2	Operating System	Windows 11 Home	01	For running compiler
3	compiler	JVM	01	For developing project in Java
4	Other software	Microsoft Office Word	01	For documentation
5	Reference book:	Head First Java by Bert Bates	01	For studying Java concepts
6	Websites	www.Javatpoint.com	01	For referring sample Java programs & concept

8.0 Outputs of the Micro-Project:

Output is attached to last page.

9.0 Skill Developed / Learning outcome of this Micro-Project:
Technical Skills:
      1.Understand the concept of Applet.
      2. learn about various graphics & applet functions.
Soft Skills:
      1. Leadership and decision making.
      2. Working in team.
      3. Time management.

10.0 Applications of Micro Project:
- Android Development
- GUI Application.

11.0 Name of Group Members:

Enrollment No.	Roll No.	Name of Students	Signature
2100780077	06	Baldota Kalash Sachin	
2100780081	10	Bhalerao Mukunda Chandrashekhar	
2100780086	15	Dhakane Aditya Arun	

Date: 17/04/2023   Evaluated by: Dated Signature of Guide: _____

                                    Name of Guide: Ms. R. K. Ushir.

Welcome to CinemaGo

India's Number One Ticket Booking Platform
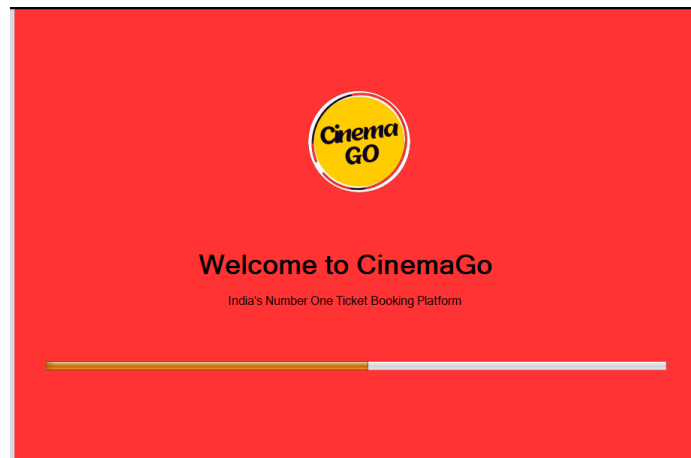
CinemaGo

India's Number One Ticket Booking Platform

Create Account

Forgot Password

Exit

Welcome

Username
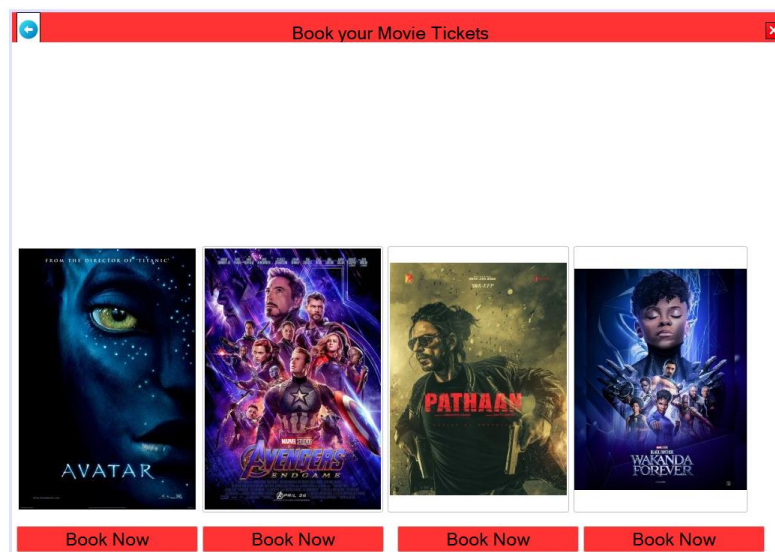
Kalash

Password

****

Log in

Book your Movie Tickets

AVATAR

AVENGERS ENDGAME

PATHAAN

WAKANDA FOREVER

Book Now   Book Now   Book Now   Book Now

Screenshot 1:

Movie Name:
Avatar

No of Seats:
4

Select Date:
05/04/2023
06/04/2023

Select Time:
12:30 PM
01:15 PM

Submit   Clear

Select Seats

	1	2	3	4	5	6	7
A	■	■	■	■	□	□	□
B	□	□	□	□	□	□	□
C	□	□	□	□	□	□	□
D	□	□	□	□	□	□	□
E	□	□	□	□	□	□	□

Screenshot 2:

Movie Name:
Avatar

No of Seats:
4

Select Date:
05/04/2023
06/04/2023

Select Time:
12:30 PM
01:15 PM

Submit

Message ✕

Seats book successfully...

OK

Select Se...

	1	2	3				
A	■	■	■	■	□	□	□
B	□	□	□	□	□	□	□
C	□	□	□	□	□	□	□
D	□	□	□	□	□	□	□
E	□	□	□	□	□	□	□