Class: SY. BTECH CSE

Panel: C

Batch: 4

Subject: SEPM

Date: 04/06/2021

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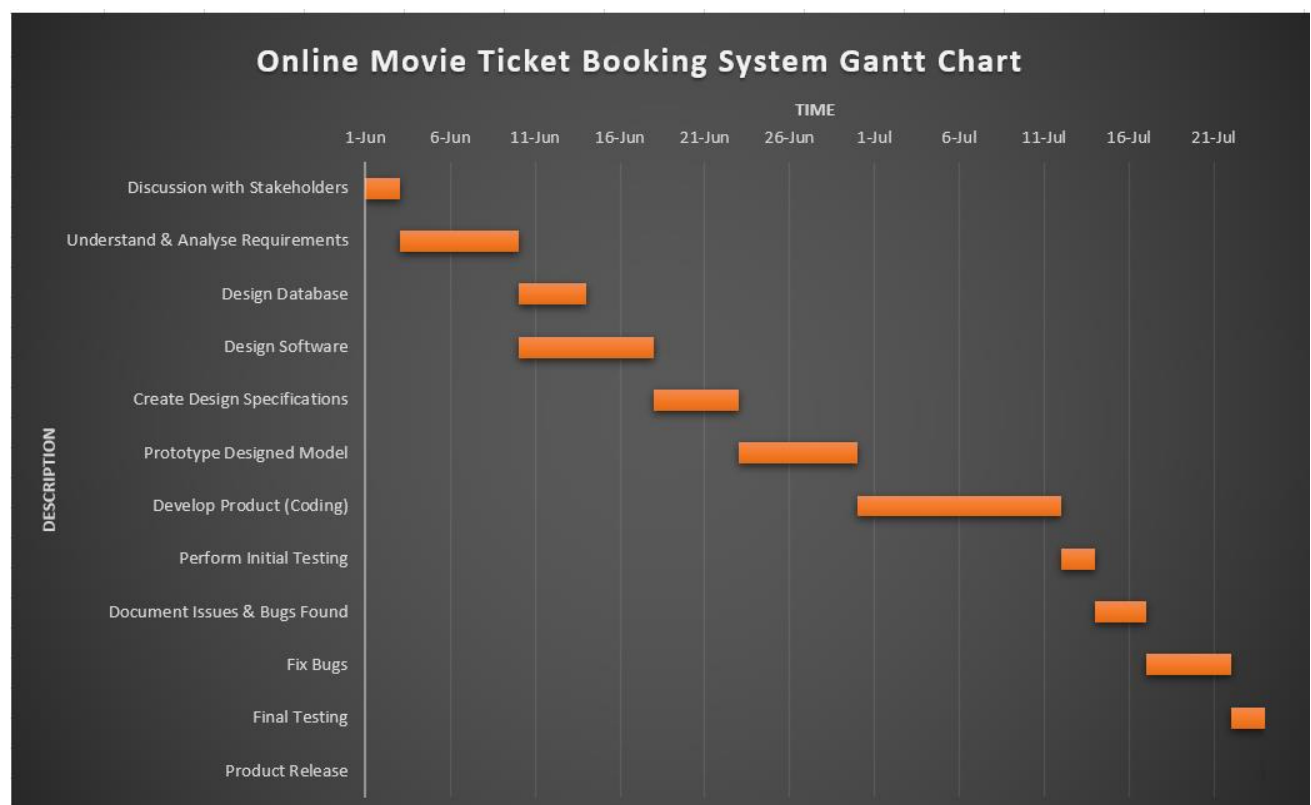 PC_63 Indraneel Tilloo

PRACTICAL- 4
GANTT CHART AND CPM

Book a movie ticket:

A customer can book a movie ticket from home using the Internet. The customer will be shown available movies in different theaters. Based on the availability, the ticket will be issued against date/class/show and money will be paid by credit card. It is expected that the credit card transactions will be validated and tickets will be delivered at home or arranged to be collected in person at the theatre. Group bookings will be permitted. Tickets can be booked a week in advance.

GANTT CHART:

	A	B	C
1	**Online Movie Ticket Booking System**		
2	**Gantt Chart**		
3			
4	**Description**	**Start Date**	**Duration (days)**
5	Discussion with Stakeholders	01-06-2021	2
6	Understand & Analyse Requirements	03-06-2021	7
7	Design Database	10-06-2021	4
8	Design Software	10-06-2021	8
9	Create Design Specifications	18-06-2021	5
10	Prototype Designed Model	23-06-2021	7
11	Develop Product (Coding)	30-06-2021	12
12	Perform Initial Testing	12-07-2021	2
13	Document Issues & Bugs Found	14-07-2021	3
14	Fix Bugs	17-07-2021	5
15	Final Testing	22-07-2021	2
16	Product Release	24-07-2021	0
17			

CPM:

Task	Description	Immediate Predecessor	Start Date	Duration (days)
A	Discussion with Stakeholders	-	01-06-2021	2
B	Understand & Analyse Requirements	A	03-06-2021	7
C	Design Database	B	10-06-2021	4
D	Design Software	B, C	10-06-2021	8
E	Create Design Specifications	D	18-06-2021	5
F	Prototype Designed Model	E	23-06-2021	7
G	Develop Product (Coding)	F	30-06-2021	12
H	Perform Initial Testing	G	12-07-2021	2
I	Document Issues & Bugs Found	H	14-07-2021	3
J	Fix Bugs	I	17-07-2021	5
K	Final Testing	J	22-07-2021	2
L	Product Release	K, J	24-07-2021	0