**Course: CSE327**

# Project Title: Online learning System for Children

**Group 1**

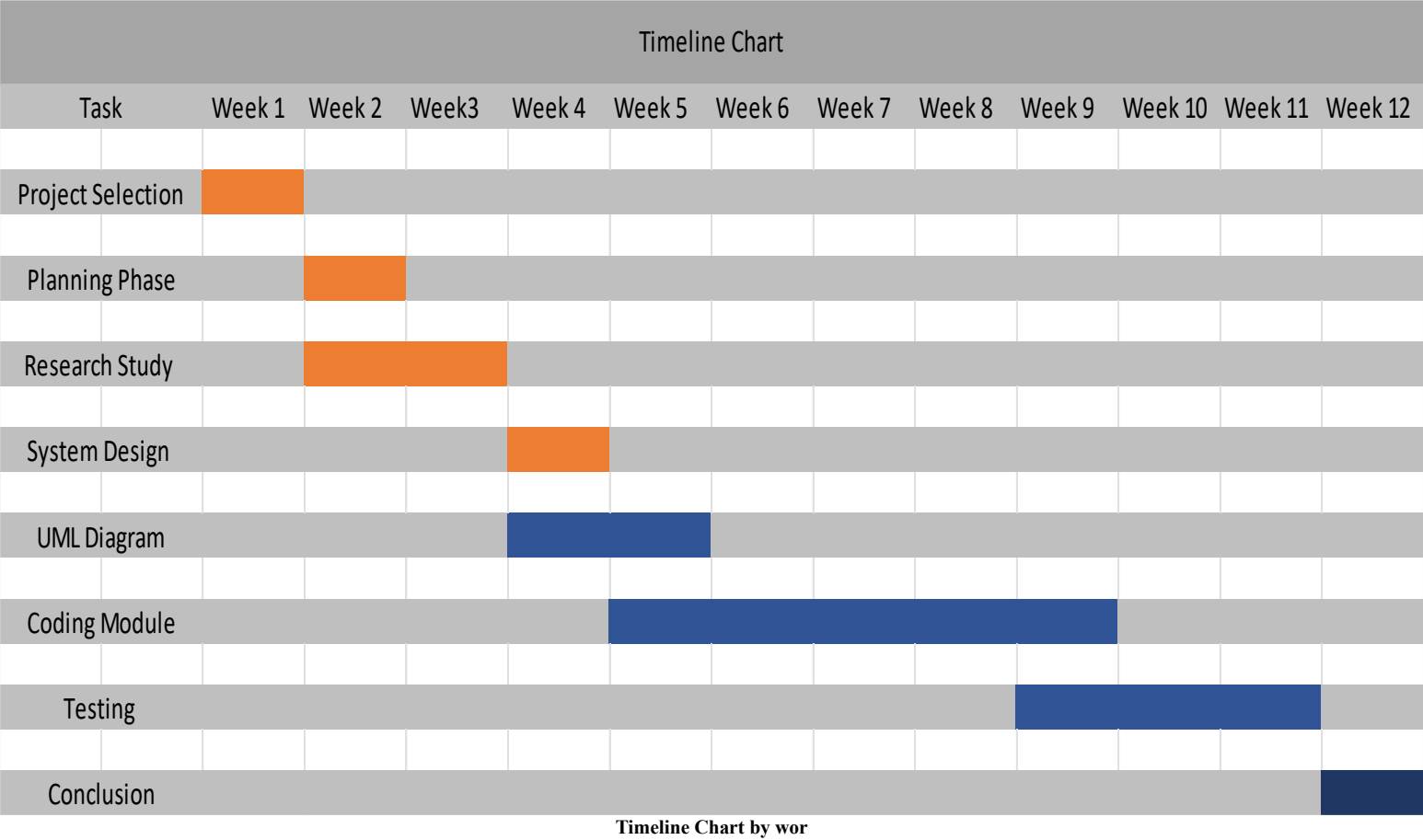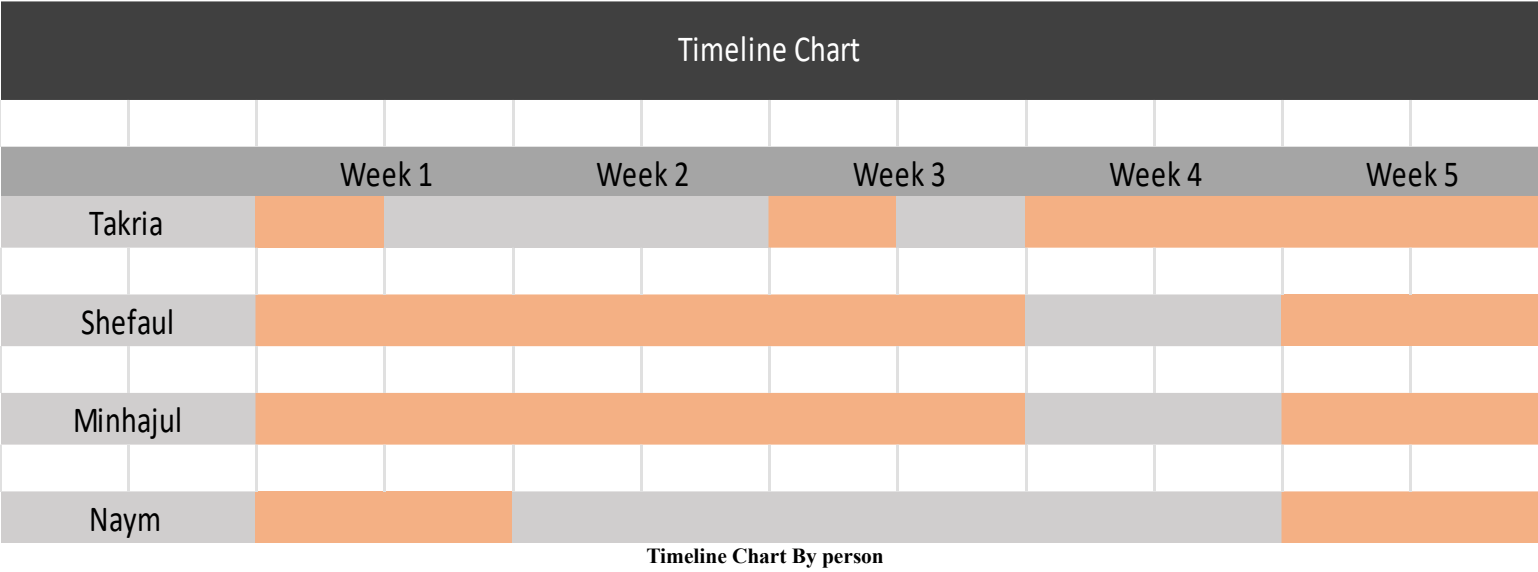**Task: 4**

**Submitted by**

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# Timeline Chart

## Timeline Chart

| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 |
|---|---|---|---|---|---|
| Takria | | | | | |
| Shefaul | | | | | |
| Minhajul | | | | | |
| Naym | | | | | |

**Timeline Chart By person**

## Timeline Chart

| Task | Week 1 | Week 2 | Week3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Project Selection | | | | | | | | | | | | |
| Planning Phase | | | | | | | | | | | | |
| Research Study | | | | | | | | | | | | |
| System Design | | | | | | | | | | | | |
| UML Diagram | | | | | | | | | | | | |
| Coding Module | | | | | | | | | | | | |
| Testing | | | | | | | | | | | | |
| Conclusion | | | | | | | | | | | | |

**Timeline Chart by wor**

# Constructive Cost Model

**Project Type:** Organic

Coefficient<Effect Factor>: 2.4 [P=1.05; T=0.38]

SLOC = 20000 Lines

Person Months, PM = (2.4 * 20^1.05) = 55.76

Duration Time, DM = (2.5 * 55.76^0.38) = 11.5 = 12 months = 2016 working hrs

Required People, ST = PM/DM = 4.65 = 5 people

## Budgeting

Developer salary in 12 Months: Per developer salary per working hour = 250 taka

Total developer salary = 250 * 2016 * 5 = 2520000 taka

Requirement Analysis:

Time needed: 1 month (21 working days = 168 working hours)

Hourly wage for requirement analysis = 200tk

Total Requirement Analysis Expense = 200 * 168 = 33600tk

Transportation cost estimation: 10,000tk

Training & hardware Expenses Estimation: 100,000tk

Rent Expenses:

 Room per month = 10,000 taka

 Total in 12 Months = 120,000 taka

Total utilities in 12 Months: 30,000 taka

Maintenance (Till 6 months after delivery):

 Expense per hour = 1000 taka

 Total Estimated Time needed for maintenance = 70 Hours

 Total Estimated Maintenance Expense = 70 * 1000 = 70,000 taka

Total Estimated Expense:

2,520,000+33,600+10,000+100,000+10,000+120,000+30,000+70,0000 = 2893600

Profit:

25% of total Estimated Expense = 2,893,600 * 25% = 723,400 taka

Project Budget: 2,893,600+723,400= 3,617,000 taka