

## Project Schedule Summary

A : Requirements Analysis 1 B : Requirements Analysis 2 C : Requirements Analysis 3 D : Requirements Analysis 4 E : Designing 1			F : Designing 2 G : Designing 3 H : Designing 4 I : Create GIT repository J : Coding Module 1 K : Coding Module 2			L : Coding Module 3 M : Testing N : Implementation O : Operation P : Documentation		
Task: Person \ Week	1	2	3	4	5	6	7	8
A: Arpita Datta								
B: Mahim Talukdar								
C: Sayed Syfuzzaman								
D: Mohammed Jamshed Alam								
E: Arpita Datta								
F: Mahim Talukdar								
G: Sayed Syfuzzaman								
H: Mohammed Jamshed Alam								

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## Project Schedule Breakdown

### Phase 1: Requirement Analysis:

- Inception
- Elicitation
- Analysis and Elaboration
- Negotiation
- Specification
- Validation
- Requirements Management

### Phase 2: Design:

- Interface Analysis
- User Analysis
- Task Analysis And Modelling
- Interface Design

### Phase 3: Coding:

- Create GIT repository
- Coding Module 1
- Coding Module 2
- Coding Module 3

### Phase 4: Testing:

- Unit Testing
- Integration Testing
- Validation Testing
- System Testing

### Phase 5: Implementation

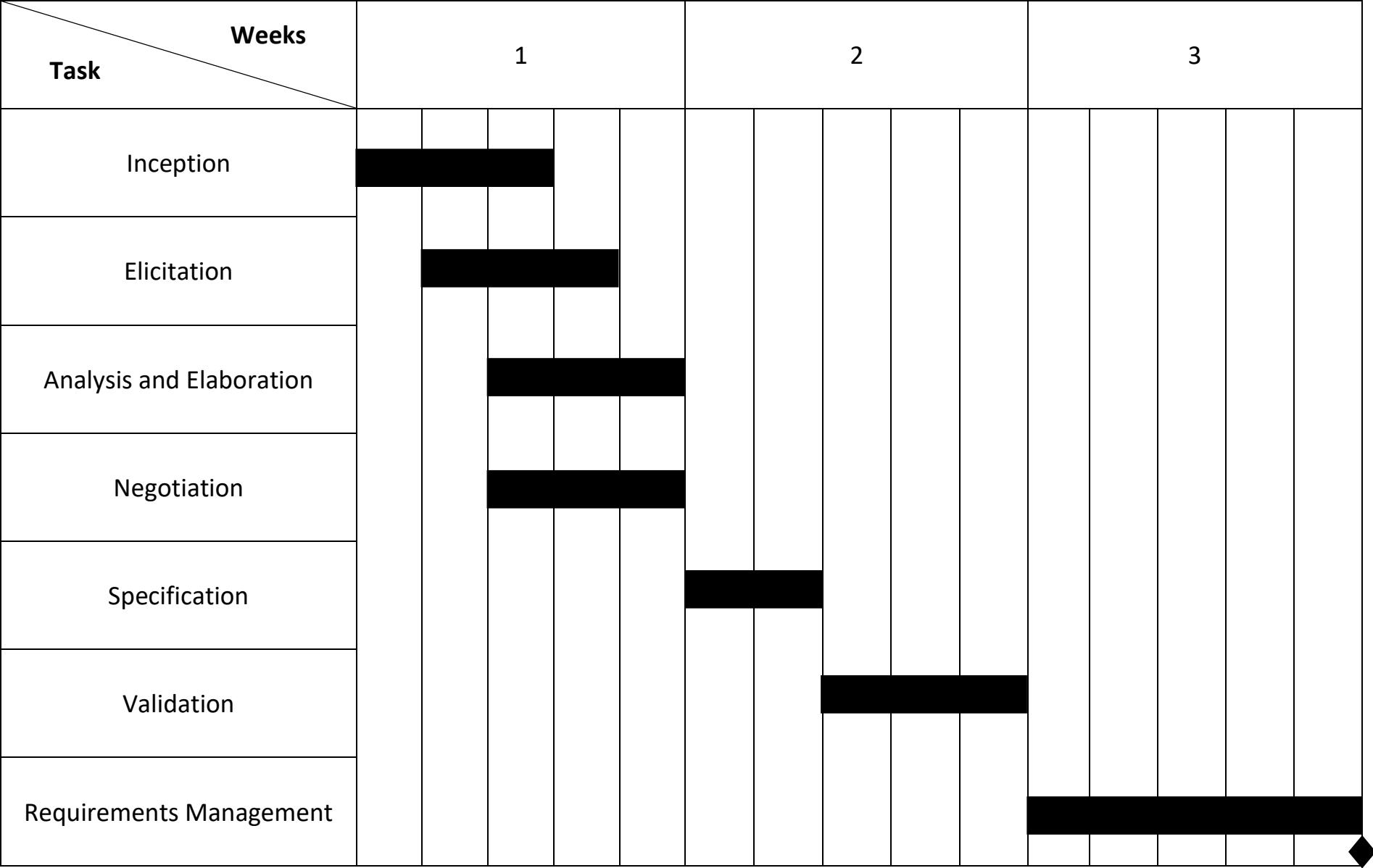
- Prepare Integration Test Plan
- Design Test Plan Scenario And Cases

### Phase 6: Implementation

- Corrective Maintenance
- Adaptive Maintenance
- Perfective Maintenance

### Phase 7: Documentation

- Design Documentation
- Code Documentation
- User Documentation

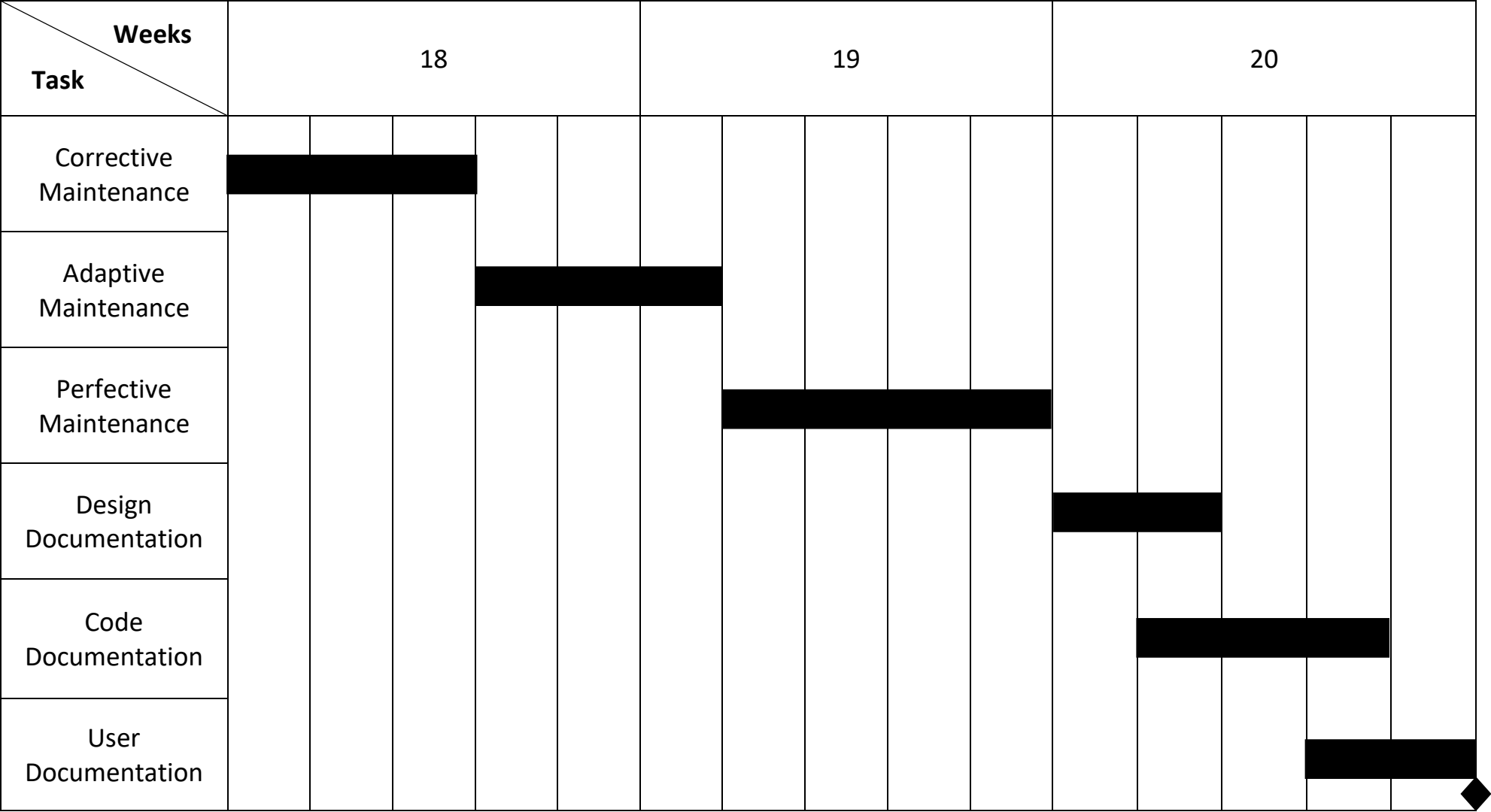


<div>Task \ Weeks</div>	4					5					6					7					8									
INTERFACE ANALYSIS																														
USER ANALYSIS																														
TASK ANALYSIS AND MODELLING																														
INTERFACE DESIGN																														

<div>Weeks</div> <div>Task</div>	9					10					11					12				
Create GIT repository																				
Coding Module 1																				
Coding Module 2																				
Coding Module 3																				



<b>Task \ Weeks</b>	<b>13</b>					<b>14</b>					<b>15</b>					<b>16</b>					<b>17</b>				
Unit Testing																									
Integration Testing																									
Validation Testing																									
System Testing																									
Prepare Integration Test Plan																									
Design Test Plan Scenario And Cases																									





## Constructive Cost Model:

Project Type : Organic  
Coefficient<Effort Factor> : 2.4 [P=1.05 ; T=0.38]  
SLOC = 10,000 Lines  
Person Month, PM =  $(2.4 * 10^{1.05}) = 26.928$   
Development Time, DM =  $(2.5 * 26.928^{0.38}) = 8.738 = 9 \text{ Months} = 1584 \text{ Working}$   
Hour Required People, ST =  $PM/DM = 3.082 = 3 \text{ People}$

## Budgeting:

### Developer Salary in 9 Months:

Per Developer salary Per Working Hour = 500 Taka

Total Developer Salary =  $(500 * 1584) = 792,000 \text{ Taka}$

### Requirement Analysis:

Time Needed: 1 month (22 Working Days = 176 Working Hour)

Requirement Analysis Person's Hourly wage = 300 Taka

Total Requirement Analysis Expense =  $(300 * 176) = 52,800 \text{ Taka}$

### Transportation Cost Estimation: 15,000 Taka

### Training & Hardware Expenses Estimation: 125,000 Taka

### Rent Expenses:

Room Per Month = 15,000 Taka

Total in 9 Months = 135,000 Taka

### Total Utilities in 9 Months: 25,000 Taka

### Maintenance (Till 6 Months after Deliver):

Expense Per Hour = 1200 Taka

Total Estimated Time Needed for Maintenance = 60 Hours

Total Estimated Maintenance Expense =  $(60 * 1200) = 72,000 \text{ Taka}$

### Project Manager Wage in 9 Months:

Project Manager per months wage = 25,000 Taka

Project Manager Total wage =  $(25000 * 9) = 225,000 \text{ Taka}$

Project Accountant Wage in 9 Months:

Project Accountant per months wage = 5,000 Taka

Project Accountant Total wage = (5000 \* 9) = 45,000 Taka

Total Estimated Expense:

(792,000 + 52,800 + 15,000 + 125,000 + 135,000 + 25,000 + 72,000 + 225,000 + 45,000) = 1,486,800 Taka

Profit:

25% of Total Estimated Expense = 1,486,800 \* 25% = 371,700 Taka

**Project Budget: 1,486,800 + 371,700 = 1,858,500 Taka**

Summary

Field of Expense	Amount
Developer Salary	792,000/-
Requirement Analysis Expense	52,800/-
Transportation Cost	15,000/-
Training & Hardware Expenses	125,000/-
Rent Expenses (for 9 months)	135,000/-
Utilities (for 9 Months)	25,000/-
Maintenance Expense (for 9 Months)	72,000/-
Project Manager wage	225,000/-
Project Accountant wage	45,000/-
Profit [25%]	371,700/-
<b>Total</b>	<b>1,858,500/-</b>