Project Title

Market Place of GYM

Group – 03 (Section-08)

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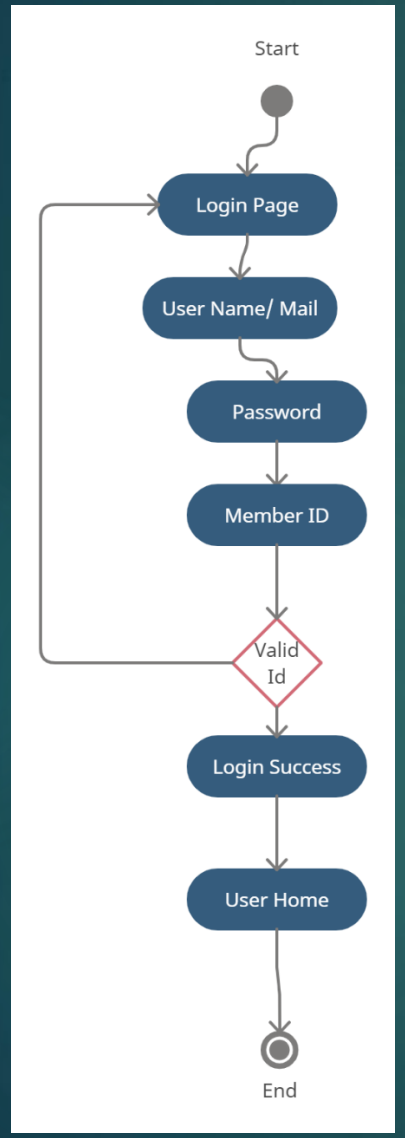
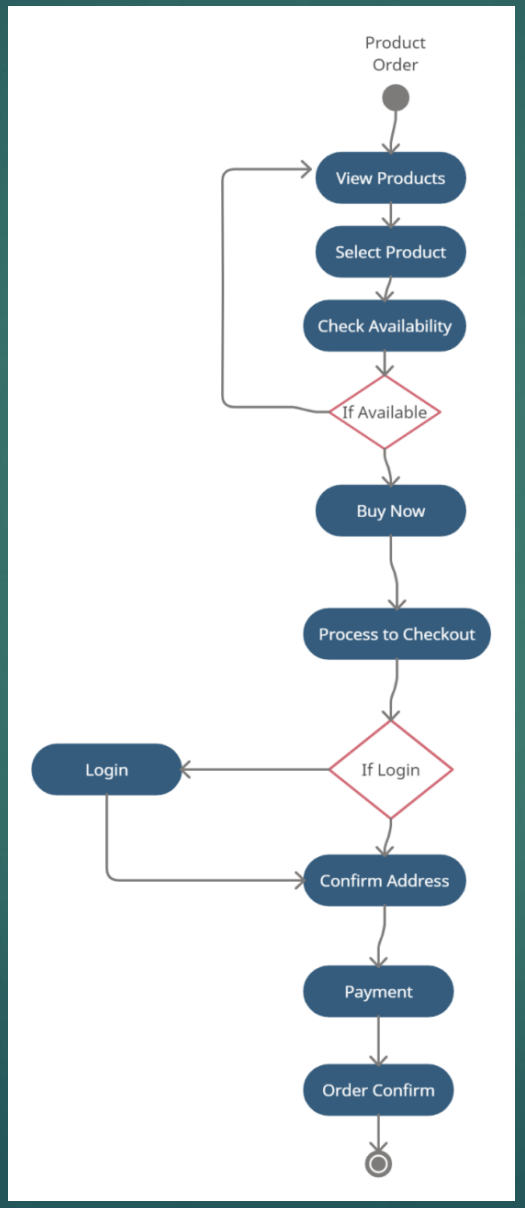
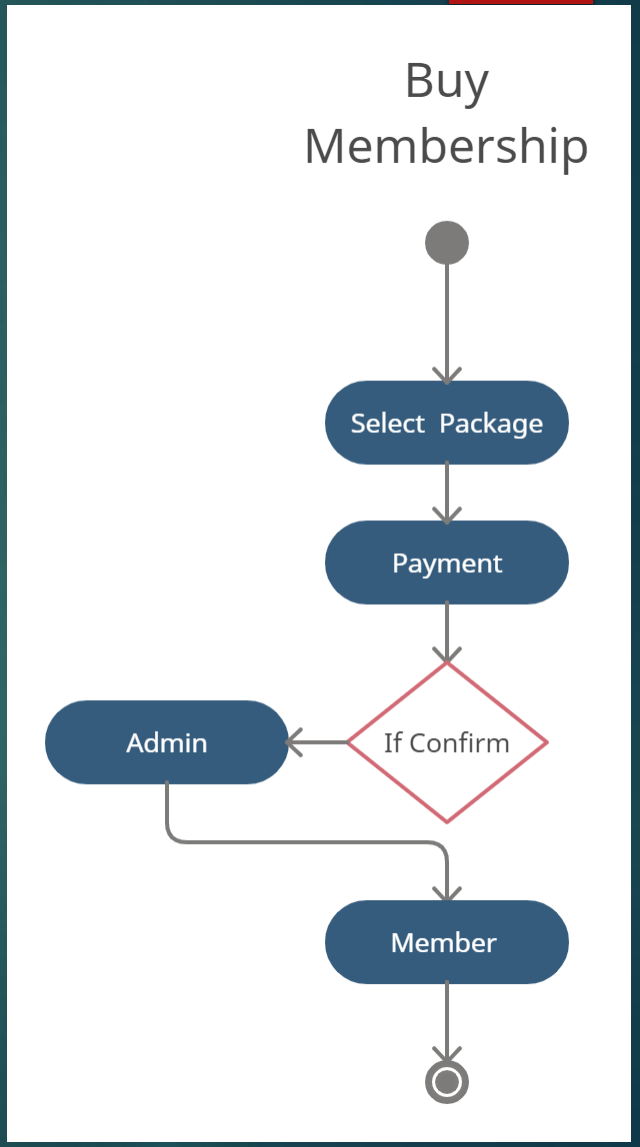
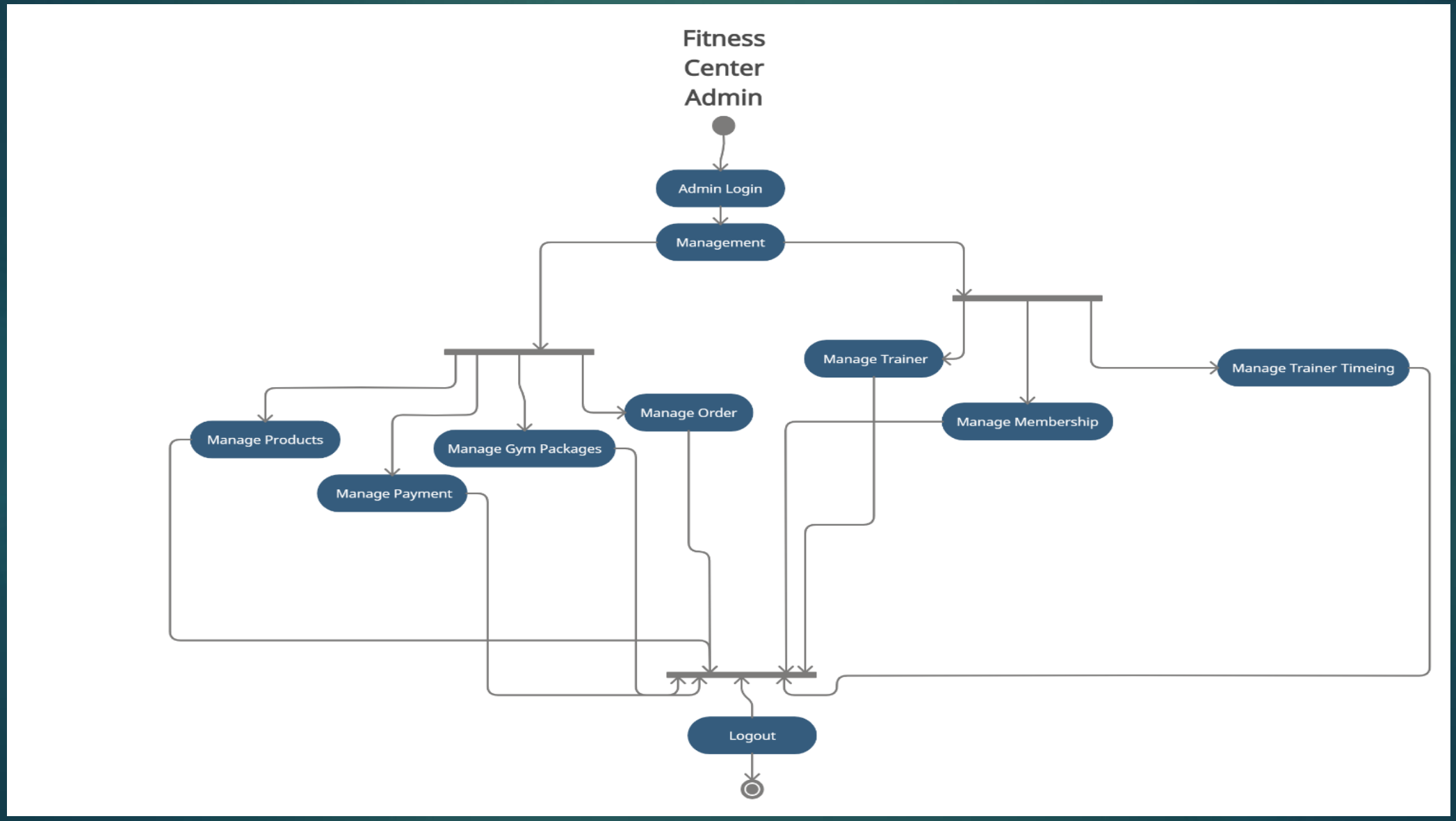
Activity Diagram



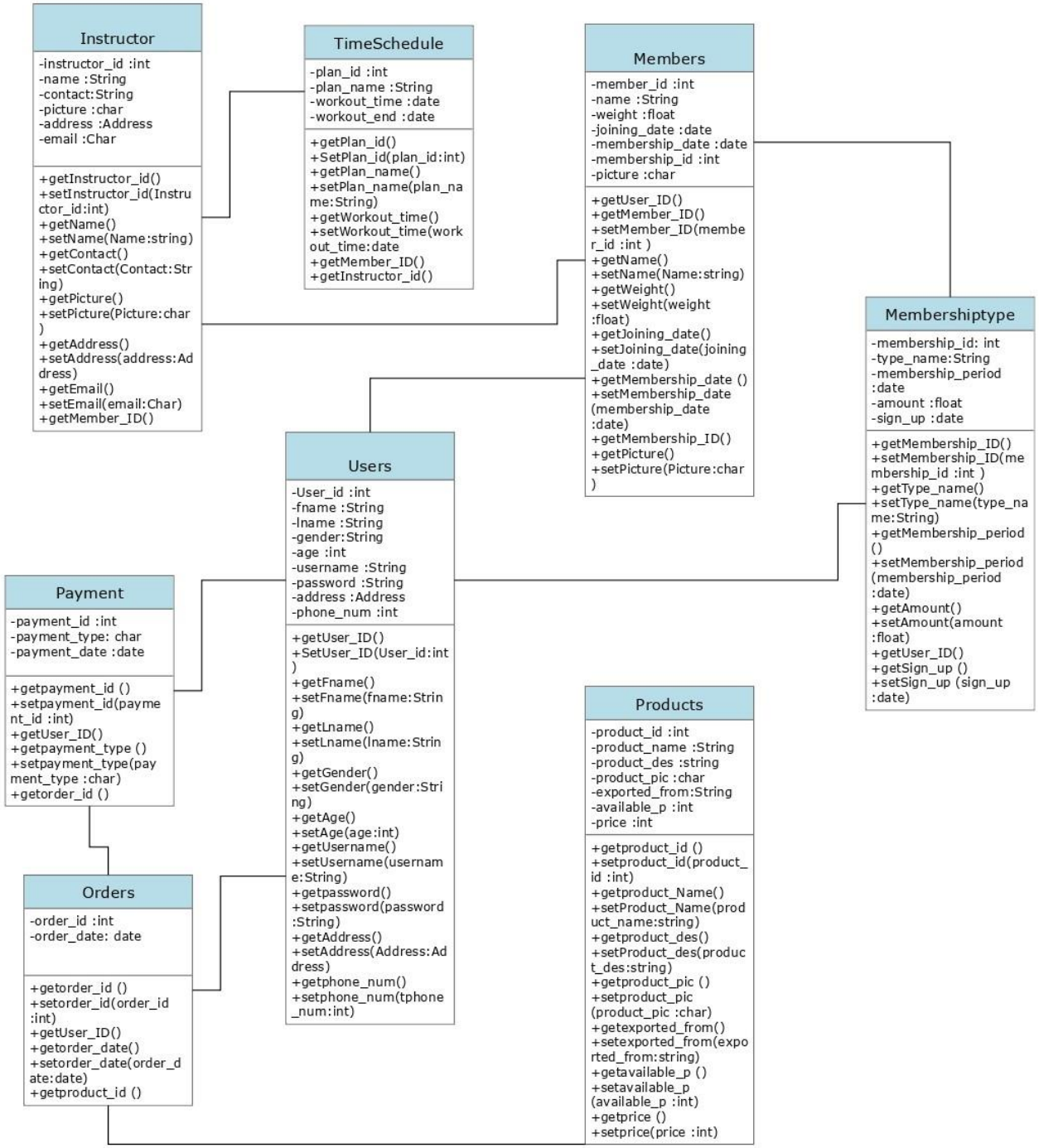




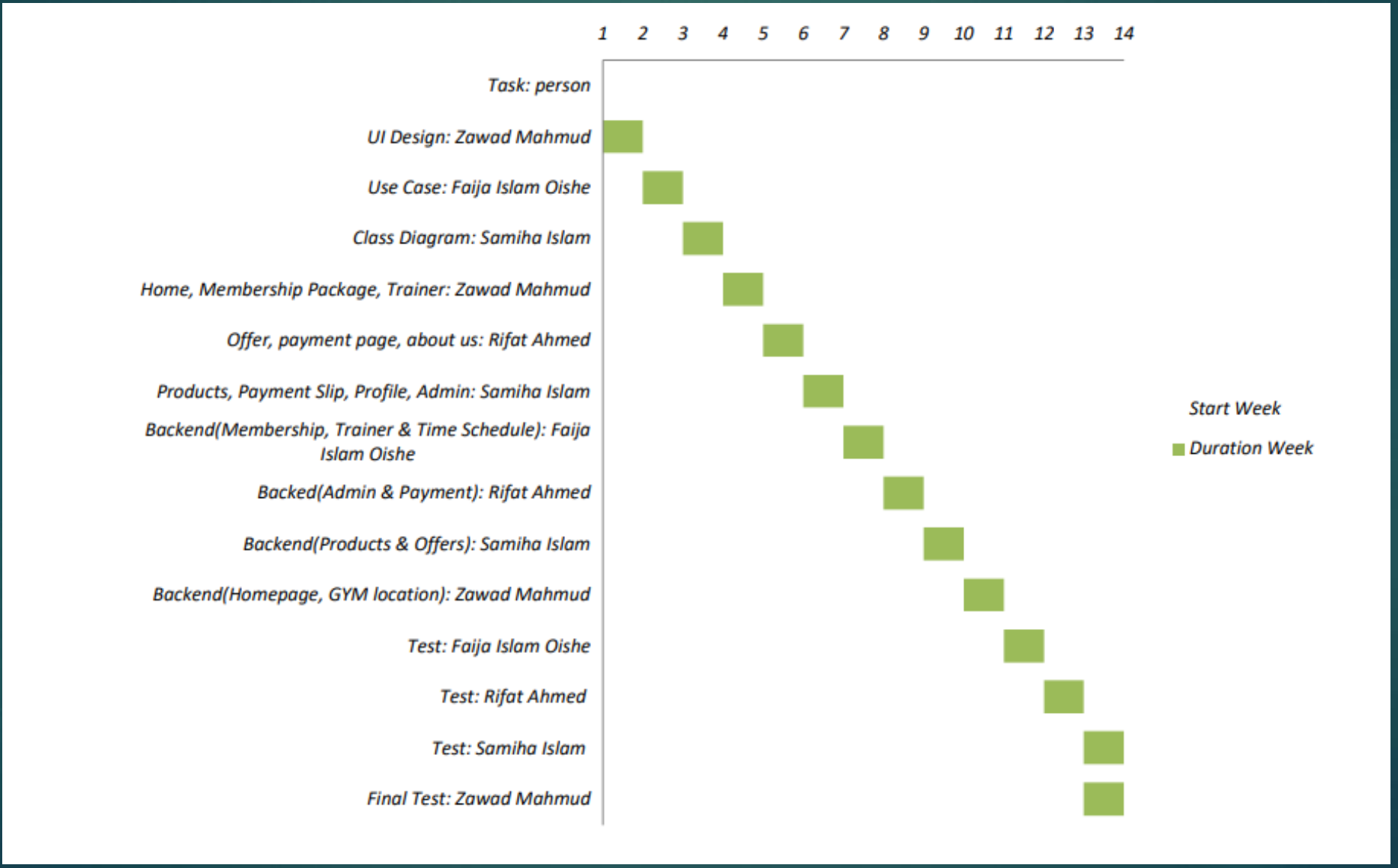
Activity Diagram



Class Diagram



Timeline Chart



Budgeting

Project Name: Market Place of GYM

Constructive Cost Model:

Project Type : Organic

Coefficient<Effect Factor> : 2.4 {P=1.05; T=0.38}

SLOC : 10000 lines

Person month, PM : $(2.4*10^{1.05})$ =26.928

Dav.Time, DM : $(2.5*26.928^{0.038})$ =8.73= 9months=1584 Workings

hours Required People ST : PM/DM = 3.08= 4 people

Budgeting:

Developer salary in 9 months: Pre developer Salary per working hour =500tk Total Development Salary = 500*1584 =7,92,000Tk

Requirements Analysis:

Time needed: 1.5 months = 264 hours

Requirement analysis Person's Hourly wage =350tk

Total Req. Analysis Cost: 264*350=92,400tk

Transportation Cost Estimated: 20,000tk

Training and Hardware Expense Estimate: 1,00,000tk

Rent Expense:

Room per month = 10,000tk
Total Room rent = 90,000tk

Total Utilities in 8 months: 20,000tk

Maintenance (Till 6 months after the delivery):

Expense per hour : 1000tk

Estimated time needed : 60 Hours
Total Estimated maintenance cost = 60*1000=60,000tk

Total Estimated Expense :
7,92,000+92,400+20,000+1,00,000+90,000+20,000+60,000=11,74,400tk

Profit:

20% of total Estimated Expense: 1174400tk *20% = 2,34,880tk

Project Budget : 11,74,400+2,34,880 =1409280 tk

Thank you