ESTIMATION PLAN

DA UTILITY SERVICES

TEAM 03

BINARY BUGS

❖ Requirement Gathering Phase

- Estimated: 48 hours
- Days Estimated : 8 Days
- Days Taken : 10 days
- Deviation : +20%

❖ Design Phase

➢ Diagram :
- Activity Diagram:
    Estimated: 5 hours
- Sequence Diagram:
    Estimated: 6 hours
- Use Case Diagram:
    Estimated: 4 hours
- State Chart Diagram:
    Estimated: 4.5 hours

➢ Data dictionary:
- Estimated : 25 hours

➢ Data Base:
- Estimated : 15 hours

❖ Development Phase & Unit Testing

➢ USER MODULE

Sign In

Module	Estimated time(hours)
Front End	2.5
Back End	2
Unit Testing	1.5
TOTAL	6

Sign up

Module	Estimated time(hours)
Front End	2.5
Back End	4
Unit Testing	1
TOTAL	7.5

Dash Board

Module	Estimated time(hours)
Front End	3
TOTAL	3

Forgot Password

Module	Estimated Time(hours)
Front End	1.5
Back End	4
Unit Testing	1.5
TOTAL	7

My Profile

Module	Estimated Time(hours)
Front End	2
Back End	3
TOTAL	5

Edit Profile

Module	Estimated Time(hours)
Front End	1
Back End	2
TOTAL	3

Change Password

Module	Estimated Time(hours)
Front End	1.5
Back End	4
Unit Testing	1.5
TOTAL	7

Log out

Module	Estimated time(hours)
Back End	0.5
TOTAL	0.5

Sell

Module	Estimated Time(hours)
Display Product	
Front End	2
Back End	3
Product Description	
Front End	1
Back End	3
Add Product	
Front End	1
Back End	3
Delete Product	
Front End	0.5
Back End	1
Unit Testing	1.5
TOTAL	16

Session

Module	Estimated Time(hours)
Display Session	

Front End	2
Back End	3
Add Session	
Front End	1
Back End	3
Delete Session	
Front End	0.5
Back End	1
Unit Testing	1.5
TOTAL	12

➢ **ADMIN MODULE**

Sign In

Module	Estimated time(hours)
Front End	2.5
Back End	2
Unit Testing	1.5
TOTAL	6

Dash Board

Module	Estimated time(hours)
Front End	3
TOTAL	3

My Profile

Module	Estimated Time(hours)
Front End	3
Back End	3
TOTAL	6

Edit Profile

Module	Estimated Time(hours)
Front End	2
Back End	2
TOTAL	4

Log out

Module	Estimated time(hours)
Back End	0.5
TOTAL	0.5

Session

Module	Estimated Time(hours)
Display Session	
Front End	1
Back End	1
Delete Session	
Front End	0.5
Back End	1

Unit Testing	1.5
TOTAL	5

Sell

Module	Estimated Time(hours)
Display Session	
Front End	1
Back End	1
Delete Session	
Front End	0.5
Back End	1
Unit Testing	1.5
TOTAL	5

Operation

Module	Estimated Time(hours)
Batch	
Front End	1
Back End	
Display	0.5
Insert	1
Delete	0.5
Item type	
Front End	1
Back End	
Display	0.5

Insert	1
Delete	0.5
Venue	
Front End	1
Back End	
Display	0.5
Insert	1
Delete	0.5
Manage Student	
Front End	1
Back End	
Display	0.5
Insert	1
Delete	0.5
Unit Testing	1.5
TOTAL	13.5

Grant Access

Module	Estimated time(hours)
Front End	1
Back End	2
Unit Testing	1.5
TOTAL	4.5

➢ **SPECIAL COMMITTEE MODULE**

Session request page:

Module	Estimated time(hours)
Front End	2
Back End	4
Unit Testing	0.5
TOTAL	6.5

❖ Testing Phase

- Estimated : 126 hours

❖ Overall Estimation

Total Days	83 Days
	(from 20 Jan to 12 Apr)
Exam Days	12 Days
Other Holidays and fests	10 Days
Days Left for work	61 Days
Total Hours	413.5
Per Person work	41.35
Per Person per day work	0.67 hour(40.67 min)

Requirement Phase	11%	48
Design Phase	15%	59.5
Learning Technologies	14%	59
Coding and Unit testing	29%	121
System Testing Phase	31%	126
Total for all phases		**413.5**