```
                        ┌──────────────┐
                        │  GUI prompt  │
                        └──────┬───────┘
                               │
                               ▼
              Yes ◄────────◆ Admin ◆────────► No
                    │                              │
                    ▼                              ▼
       ┌──────┬──────┬──────┬──────┐        ◆ Student ◆──── Yes ────┬──► ┌─────────────┐
       │      │      │      │      │          login                 │    │   Student    │
       ▼      ▼      ▼      ▼                  No ◄──┘               │    │  personal    │
   ┌──────┐┌──────┐┌──────┐┌──────┐                                 │    │ information   │
   │ Club ││Library││Teacher││Account│                              │    └─────────────┘
   │Maint-││Maint-││and Staff││Section│                             │
   │ainence││ainence││Informatiion││    │                          └──► ┌─────────────┐
   └──────┘└──────┘└──────┘└──────┘                                     │   Student    │
                                                                        │  academic    │
                                                                        │ information   │
                                                                        └─────────────┘
```

GUI prompt

Admin

Yes

No

Student login

Yes

No

Club Maintainence

Library Maintainence

Teacher and Staff Informatiion

Account Section

Student personal information

Student academic information

Project Estimation

Particulars	Time in hrs	Cost/hr	Total
Topic searching	8	100	800
Confirmation and finalisation of topic	2	50	100
Literature survey	10	200	2000
Finalizing objectives	4	100	400
Installation of required packages	2	100	200
Development of frontend	21	300	6300
Development of backend	30	300	9000
Linking of frontend and backend	6	200	1200
Manual testing of code	5	100	500
Total	88	Total	20500

Calculation of efforts

Particulars	Days invested
Topic searching	5
Confirmation and finalisation of topic	1
Literature survey	6
Finalizing objectives	2
Installation of required packages	1
Development of frontend	9
Development of backend	12
Linking of frontend and backend	2
Manual testing of code	1
	39

| | W 1 | 9–15 Jan | W 2 | 16–22 Jan | W 3 | 23–29 Jan | W 4 | 30 Jan – 5 Feb | W 5 | 6–12 Feb | W 6 | 13–19 Feb | W 7 | 20–26 Feb | W 8 | 27 Feb – 5 Mar | W 9 | 6–12 Mar | W 10 | 13–19 Mar | W 11 | 20–26 |

📁 **Personal**

2. Topic searching

3. Confirmation and finalisation of topic

4. Literature survey

5. Finalizing objectives

6. Installation of required packages

7. Development of frontend

8. Development of backend

9. Linking of frontend and backend

10. Manual testing of code

Add task