

## Assignment II

### Problem Statement : Execute and Monitor Project Plan

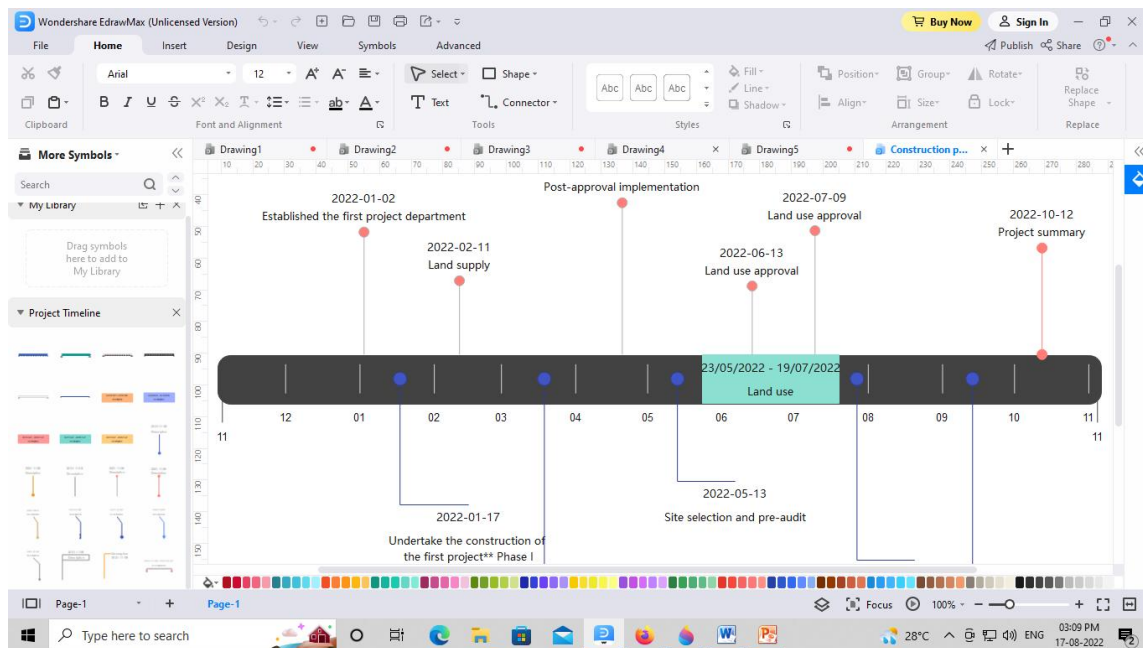
**Requirements:** Project Management tools (any one tool from the list given below)

1. Primavera Project Management Software
2. Microsoft Project Management Software
3. **Edrawmax Project Management Software**
4. Jira Project Management Software
5. **Microsoft Excel**

#### Theory:

Execution and monitoring is an important phase in project management. Scheduling, assigning time-line are some measures to achieve better results.

Edraw Max provides time-line generation. Here is the sample representation:



## Update % Complete

As of today, the project is **85% complete**. Significant progress has been made in development, with testing and deployment approaching.

## Task Status Review

1. **Requirement Analysis:** Completed (100%)
2. **Database Design:** Completed (100%)
3. **UI Design:** Completed (100%)
4. **Front-End Development:** In Progress (80%)
5. **Back-End Development:** In Progress (70%)
6. **Testing:** Not Started (0%)
7. **Deployment:** Not Started (0%)
8. **Documentation:** In Progress (50%)

## Planned vs. Actual Status

Task	Planned Status	Actual Status
Requirement Analysis	100%	100%
Database Design	100%	100%
UI Design	100%	100%
Front-End Development	90%	80%
Back-End Development	80%	70%
Testing	100%	0%
Deployment	100%	0%
Documentation	70%	50%

## Critical Path Status

The critical path includes:



**Sinhgad Institutes**

Sinhgad Technical Education Society's  
**SINHGAD ACADEMY OF ENGINEERING**

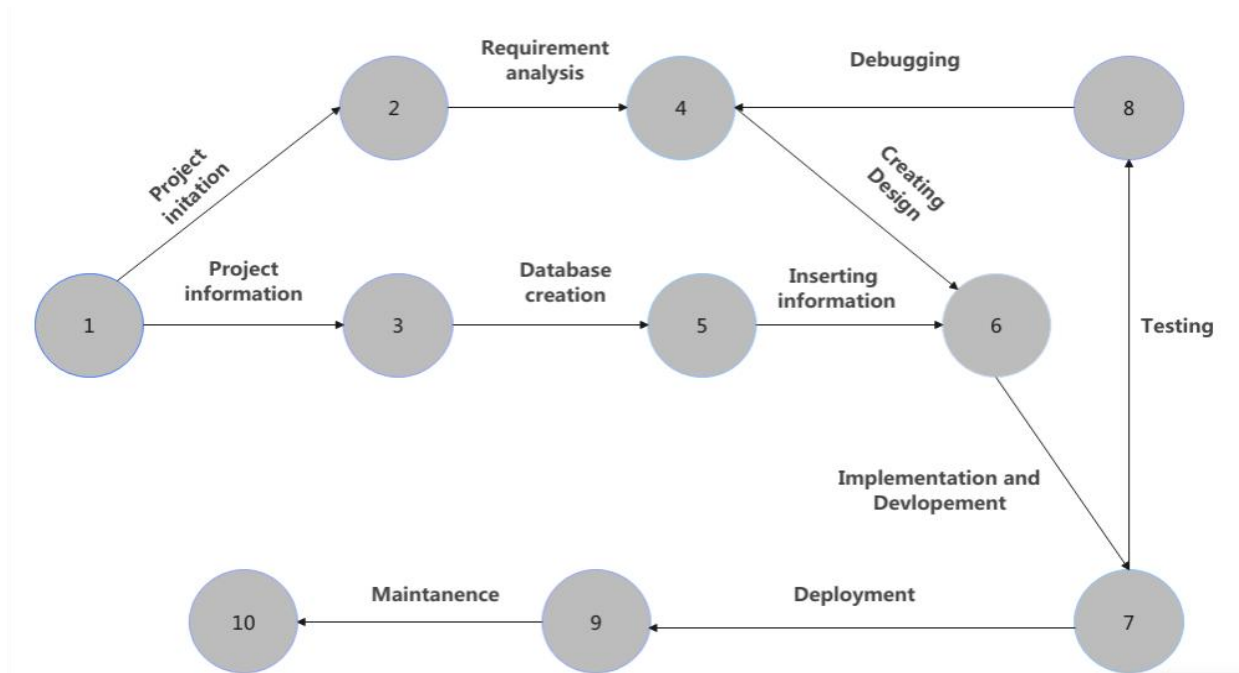
Department of Computer engineering

- Front-End Development
- Back-End Development
- Testing

**Resource Assignment Status**

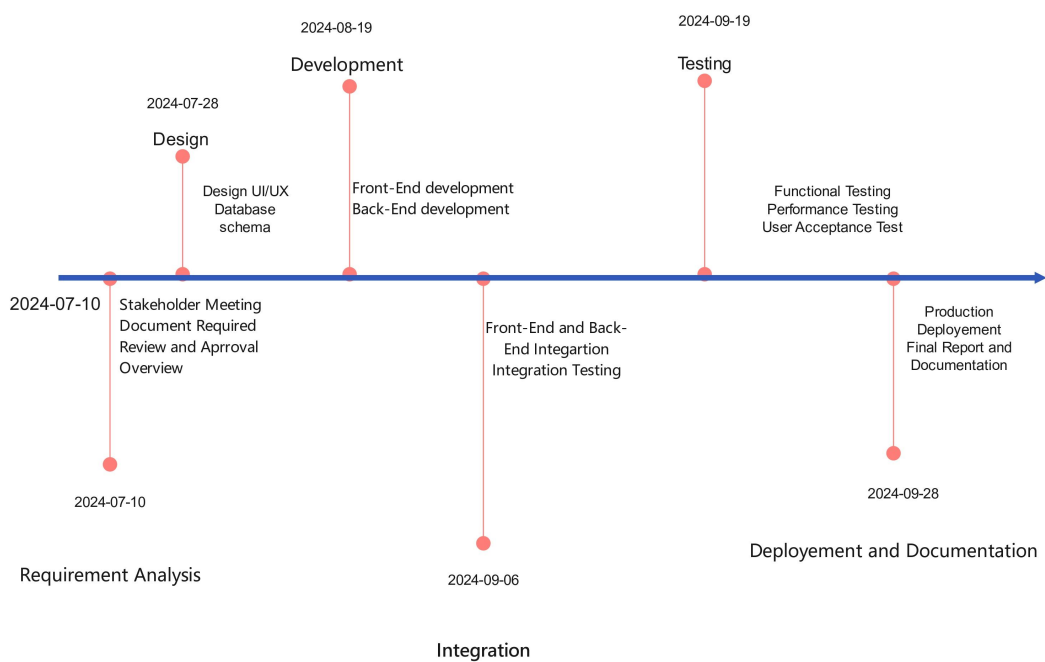
- **Developers:** 3 (2 for front-end, 1 for back-end)
- **QA Testers:** 2 (to start testing once development is complete)

**Critical path method**

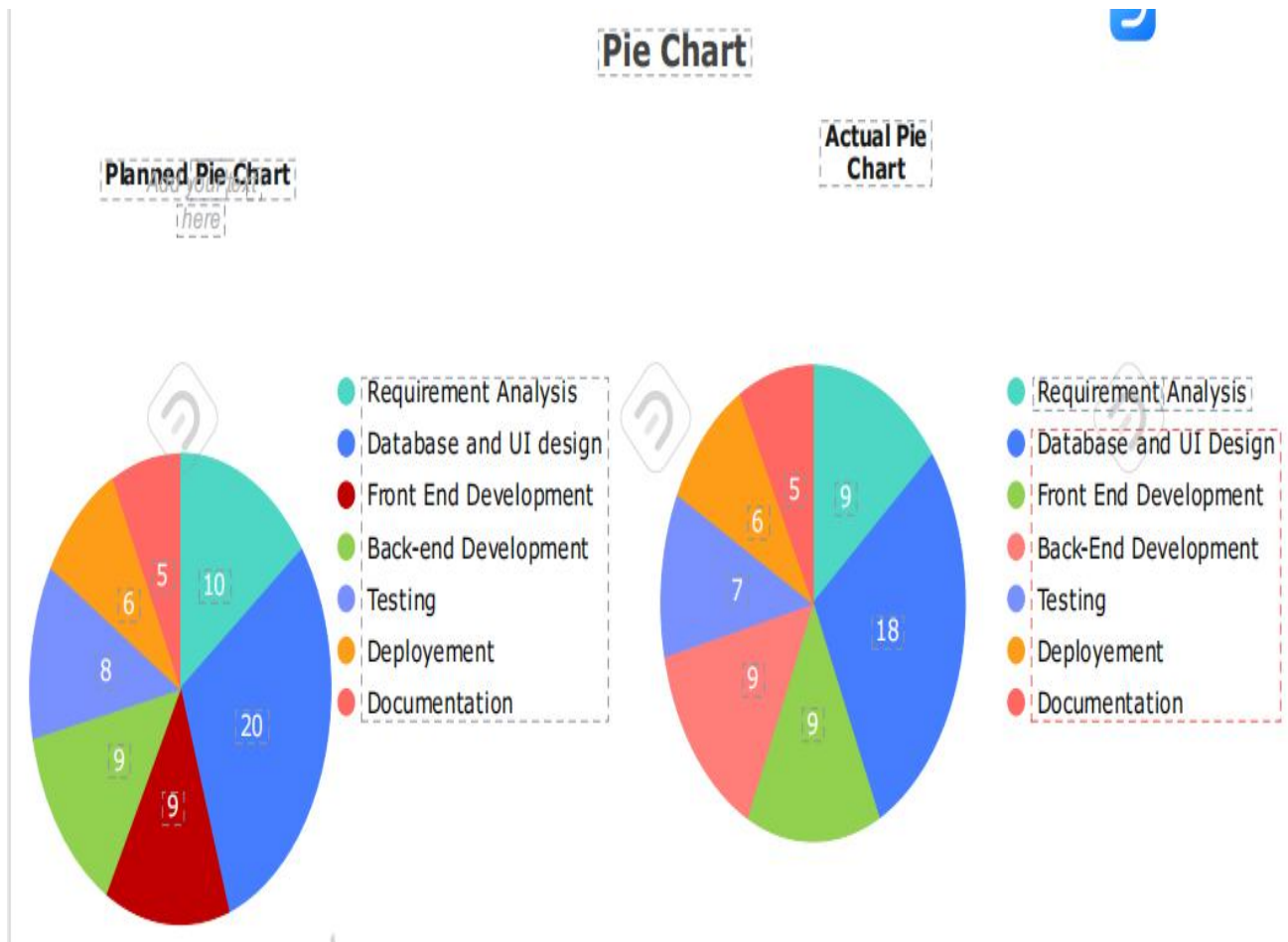


## Project Timelines

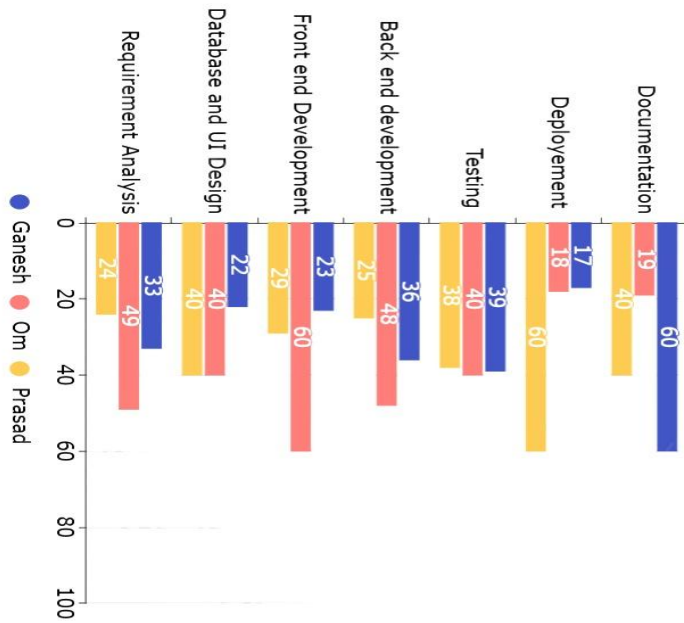
### Timeline Bus Reservation System



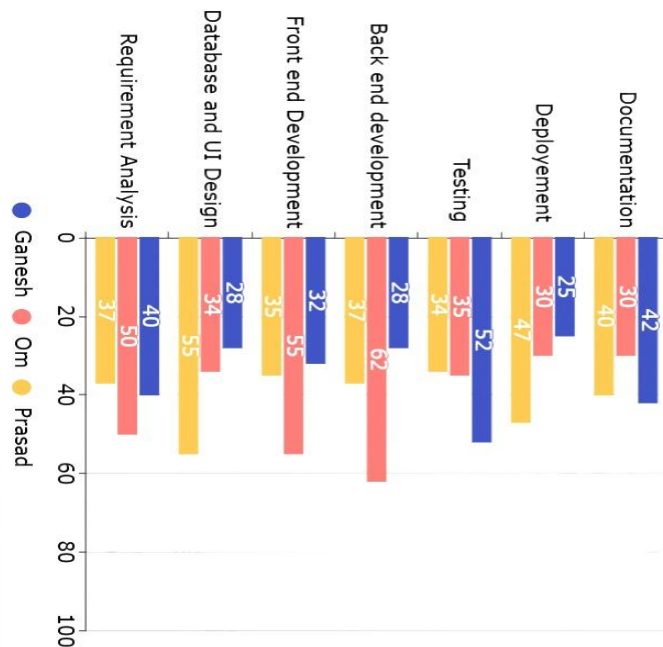
## Pie Chart



Planned Pie Chart



Actual Pie Chart



### **Conclusion**

The project is progressing steadily, with critical tasks in development nearing completion. The next focus will be to expedite testing and ensure documentation is updated in parallel to development activities. Regular monitoring and adjustments will be essential as we approach the final stages.