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Advising System Project

January 31, 2023

<u>**End-User: -**</u>

Advisor registration-

- The advisor views the degree plan and credit hours for the advisee.
- Add to the schedule of a advisee and views the requirements for the course in the advising system.
- Then, advisor checks if requirements have been met, and if the course is available for the advisee.
- Then the advisors register the advisee for the class, if the advisee wants to drop or add some courses the advisor can update it as required.
- An audit will be held after every semester to check the number of credit hours left and changes made by the advisee or not.

Registration by Advisee-

- The advisee log into the portal using the credential to register and select the available courses for a particular semester.
- The system will then check the requirements like pre-requisite course before proceeding to the semester.
- Once, the registration is done the registrar's database will be updated and both the advisor and advisee can keep an eye on the schedule.

Admin-

- The admin can access any information including degree plan, course schedule, advisee, and advisor information.
- The admin can run enrollment process and degree completion.
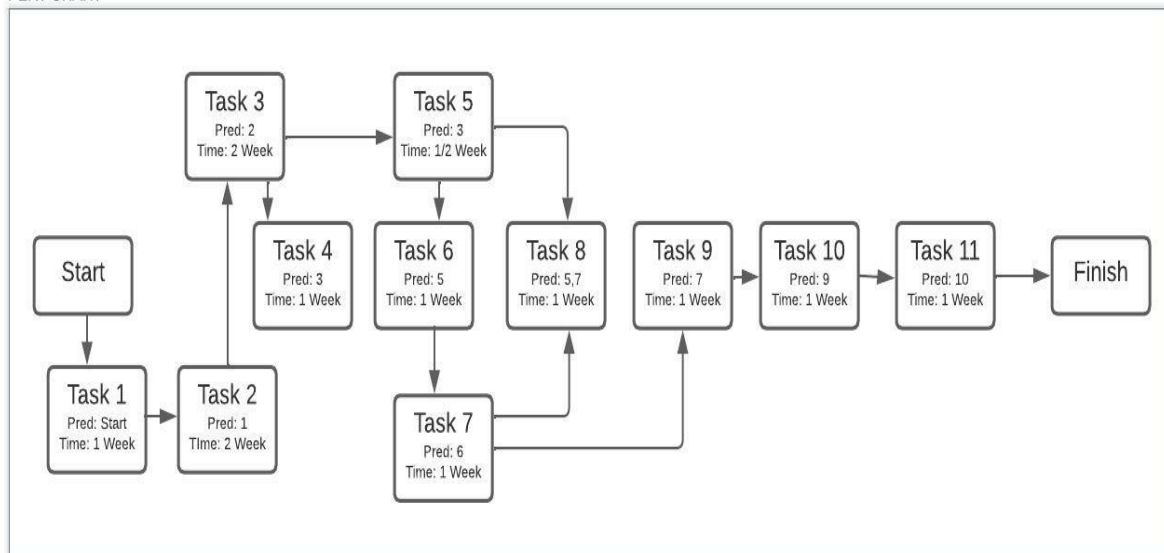- The admin can also manage the advising system including contacts and instructions of advisor for advisee.

Registrar-

- It can edit and view MBA plan and evaluation requirements.
- Change in concentration, remaining credit hours or courses. Like course, start date, prerequisites, etc.
- Degree plan audit tool and transcript data (official and unofficial).

PERT Chart Advising System: -

Task ID	Task	Days	Predecessors	Starting	Ending
1	Locate necessary hardware.	1 week	-	-	1 week
2	Create database.	2 weeks	1	2nd Week	4th Week
3	Connect database to another Database.	2 weeks	2	4th Week	6th Week
4	Import data.	1 week	3	6th Week	7th Week
5	Develop programs to view and edit.	½ Week	3	7th Week	7 ½ Week
6	Add GUI.	1 week	5	7 ½ Week	8 ½ Week
7	Add login functionality.	1 week	6	8 ½ Week	9½ Week
8	Create user access method.	1 week	5, 7	9 ½ Week	10½ Week
9	Insert instructions about the system.	1 week	7	10 ½ Week	11½ Week
10	Go publicly.	½ week	9	11 ½ Week	12th Week
11	Train and assist system.	1 week	10	12th Week	13th Week

PERT CHART

Task 3
Pred: 2
Time: 2 Week

Task 5
Pred: 3
Time: 1/2 Week

Start

Task 4
Pred: 3
Time: 1 Week

Task 6
Pred: 5
Time: 1 Week

Task 8
Pred: 5,7
Time: 1 Week

Task 9
Pred: 7
Time: 1 Week

Task 10
Pred: 9
Time: 1 Week

Task 11
Pred: 10
Time: 1 Week

Finish

Task 1
Pred: Start
Time: 1 Week

Task 2
Pred: 1
TIme: 2 Week

Task 7
Pred: 6
Time: 1 Week

Gantt Chart:

	Jan 21	Jan 31	Feb 7	Feb 14	Feb 14	Feb 21	Feb 28	March 7	March 14	March 21	March 28	April 4	April 11
Task 1: Locate necessary hardware	■	■											
Task 2: Create database			■	■									
Task 3: Connect database to another database					■	■							
Task 4: Import data							■						
Task 5: Develop programs to view and edit							■	■					
Task 6: Add GUI									■				
Task 7: Add login functionality										■			
Task 8: Create user access method											■		
Task 9: Insert instructions about the system											■		
Task 10: Go publicly												■	
Task 11: Train and assist system													■