Automatic Course Scheduler

TO-DO'S	October	November	December	January
Task - 1 Creates UI design on figma, initialize the Django project, Set up URL dispatcher, Admin and Creates Sample index and about page, Set up Github repo and join	24 OCT - 31 OCT			
Task - 2 Developing the frontend by adding the basic pages (home, about, product, pricing) and navigation. Working on Django backend by defining URLs, views, and templates.		31 OCT - 7 NOV		

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Task - 3 Creates User login\singup page. Implement basic user authentication. Creates the page of Admin view to generates the schedules.		7 NOV - 14 Nov		
Task - 4 Design database tables and create relationships. Creates Add class rooms, instructors, course, section, department pages and develop their backend logics.		14 Nov - 21 NOV		

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Task - 5

Implement email system for instructors' course preferences, including form integration, database storage and email templates,

21 NOV - 28 Nov

Task - 6

Start implementing the core scheduling algorithm. Continue developing the genetic algorithm and test it on sample data.

29 Nov - 5 Dec

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Task - 7

Continue work on genetic algorithm and try to find the solution on sample data. Enhace the User Interface with styling and build backend logic for genetic algorithm.

6 Dec - 12 Dec

Task - 8

Integrate the genetic algorithm with the Django backend.
Test all the components and fix error if occurs.

12 Dec - 18 Dec

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Task - 9

Implement the algorithm's schedule generation and storage to the database, and begin testing.

19 Dec - 26 Dec

Task -10

Conduct testing and debugging of the entire system, fix issues, and test algorithm performance.

26 Dec - 2 Jan

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Task - 11

Optimize the genetic algorithm, enhance the user interface, and improve user experience.

2 Jan - 09 Jan

Task 12

Make Necessary changes as per required work. Implement user feedback and make necessary adjustments based on testing.

09 jan - 16 Jan

TO-DO'S	October	November	December	January
Task - 13 Document the project, prepare for deployment, and configure the production environment. Conduct final testing and debugging for production, secure the application, and deploy it.				**16 Jan - 23 Jan**
Task 14 Continuously monitor the system, make adjustments as needed, and prepare for project presentation and submission.				**23jan - 30 Jan**