Dartmouth Smart scheduler

"Less chaos, more classes!"

hey JURY

What if creating a timetable was as easy as clicking
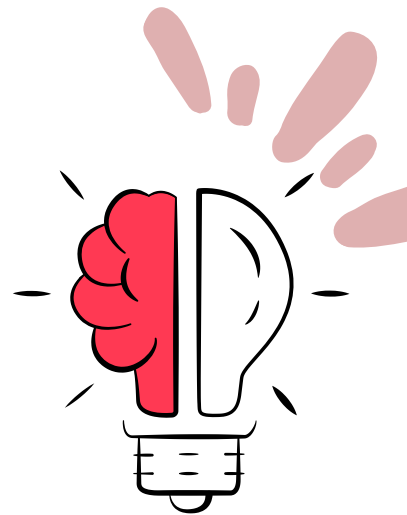That's exactly what we built.

" Generate"

The Story Behind Our Idea

Before we begin our project implementation, we want to share a real-life example that helped us understand our problem and why we decided to tackle it.

During our 5th semester, our timetable changed frequently...not just once or twice, but many times. Each change led to confusion among students and faculty, making it hard for everyone to stay updated and organized.

This constant shifting showed us how something as simple as a timetable can create unnecessary stress. We aimed to develop a system that eliminates this chaos. Our goal is to keep everyone informed, reduce manual work, and make scheduling smooth, reliable, and easy.

How the Pieces Fell Into Place

Having identified our problem, we began planning how to turn our idea into a reality. We wanted to do it systematically: breaking down big challenges into smaller, manageable parts so each of us could focus on solving one piece of the puzzle.

On Friday, we started with a ***brainstorming*** session, gathering every possible idea to overcome the existing problem. By the end of the day, we connected those scattered ideas into one structured concept that could actually work.

On Saturday, We created a workflow diagram outlining how our system should function and divided it into smaller modules. Each team member handled one section — a simple decomposition approach that kept us organized and efficient.

On Sunday, each of us worked independently on our parts, testing, fixing, and refining them. ***By Monday***, we combined everything, finalized the prototype, and uploaded our complete project. Every small piece came together to form one cohesive solution — Dartmouth Scheduler.

Workflow Diagram