

CS 435 Term Project Proposal: Flowchart Creator

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My submission for the CS 435 term project is an application that will allow users to easily create flowcharts.

1 Functionality

Users will be able to:

1. Add custom nodes detailing each step in the chart
2. Add flowchart concepts like loops, conditionals, etc.
3. Save flowcharts for further modification
4. Export flowcharts to a downloadable file

2 Technology

The application will be implemented as a web application. Users will be able to access the application through a public server. The technology stack will include solutions for:

1. A backend to process data
2. A frontend to provide a clear user interface
3. Public hosting to provide public access
4. A database to persistently store data (optional pending design choices)

The specific design and language choices are at the teams discretion. Frameworks, plugins, and similar tools are allowed, license permitting. Optional features include alternate styles, additional export options, and links to task management applications (e.g. Trello, Google Calendar, etc.).