



Department of Computer Science & Engineering

UE17CS355 – Web Tech II Laboratory

Project Evaluation

Project Title : Teaching Aid for Graph Algorithms
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Project Description

Teaching Aid for Graph Algorithms

Graph algorithms have numerous applications in the field of computer science. Having a clear understanding of graphing algorithms is crucial for students.

In this project we present a **teaching tool** that is used for easy visualization of these algorithms.

- The short blog associated with each algorithm helps with understanding the theory side of things.
- Youtube tutorials for each algorithm are linked at the end of each blog to provide more clarity.
- Functionality to publish your own articles are provided.



Technologies Used

Front End Frameworks

1. Sigma JS
2. Jinja2
3. AngularJS

Backend Frameworks

1. Flask

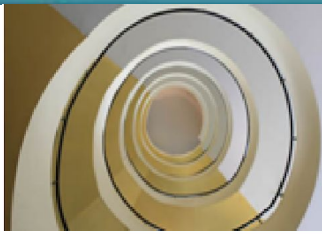




Techniques Implemented

1. RSS
 - Implemented an RSS feed for the blog
2. AJAX
 - Used ajax patterns to send and receive data from the server
3. RESTful API
 - Used Rest principles for the API





Intelligent Functionality

1. Dynamic graph rendering algorithms
2. Recommendation for youtube tutorials based on current article





Thank You

