

ITE1008 Open Source Programming

Project “J” Component: Winter Semester 2020-2021

Faculty: Prof. Jayakumar Sadhasivam

Team Formation:

A part of the graded work throughout the course will be done in four persons per team. You get to pick your own partners.

1. Pick the name for your team.
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Pick a Topic:

Pick a web application project on your interest. Investigate and analyse the project and come up with new ideas. The team will submit a Review on the investigations. To find a topic that interests you, I suggest looking at the topics on current trends.

The project must contain the following

- Must use Apache server, MySQL and PHP script.
- Choose the team leader, DB creator, Scriptwriter, Web Page Designer, etc. This helps you to do the project in a good manner.
- The project should contain a minimum of 3 forms. Use necessary conditions for form fields validation where ever it is applicable.
- Besides, your free to make use of any web frameworks for this project, its optional.

You must do a literature search and identify a bunch of research work in the chosen topic area. You will analyze these existing works and present your analyses to me. Based on your presentation, I may require you to change the scope or direction of your investigation.

This should happen before March 10th, 2021.

Team Reports:

Each team will report its progress regularly. Each team will give progress reports during the course. For all deliverables, the team must submit/upload a final report before the presentation.

It is mandatory to keep your project updates (source code and review documentation) in the GitHub repository provided by the faculty.

Team Deliverables:

Review: 1

- Title
- Abstract
- Problem statement
- Reason for chosen this topic?
- Process Flow Diagram
- Modules
- Prototype Design – One Page

Review: 2

- Title
- Abstract
- Problem statement
- Process Flow Diagram
- Modules
- Prototype Design – One Page
- Complete Front-end Design
- Database Details

Review: 3

- Project Title
- Abstract
 - ✓ Establish the problem
 - ✓ What are all the solutions available for that problem
 - ✓ Which technique giving the best result
 - ✓ which technique you are going to use and why?
 - ✓ What you are expecting to achieve in this project
- Introduction
- Problem statement
- Process Flow Diagram
- Modules
- Prototype Design – One Page
- Database Design
- Conclusion
- References
- Snapshots
- Source code

All software design descriptions, source code, input files, output files, test results, and so on that you developed during your investigation. These must be posted in a single archive file, either a RAR file, a ZIP file, or a TAR GZIP file. The file must be sent to jayakumars@vit.ac.in with the subject line: ITE1008 J Component. One file per team is sufficient mentioning the team members.

Plagiarism:

Each team presentation and the team deliverables must be entirely your teams own. No plagiarism. **If in my judgment any team presentation or the team deliverables is not entirely your teams own work and submitted or copied from somewhere else, you will automatically receive, as a minimum, a grade of zero for the assignment.**

Important Tentative Dates:

Review – 1: March 10th, 2021

Review – 2: April 10th, 2021

Review – 3: May 15th, 2021

Contact Information:

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