

Meeting Agenda

Date/Location: 30-October-2019 at 11:30 in NSU Study Hal

Information Updates/Reminders

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- * The next 6-8 weeks, we are going to work on a project of NSU Online Advising System
- * Everyone should be able to use git, github wiki's, Trello, Slack.

Decisions Needed

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*We will use HTML, CSS, PHP, MySQL, Python and we will use flask framework of python for the project.

Completed Items

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1. **Trello Board:**
 - A Trello board has been created for the project. Actions and tasks are posted, and columns have been defined for task management (e.g., To Do, In Progress, Done). All team members have been invited.
2. **Slack Workspace:**
 - The Slack workspace has been set up. All team members have been invited using their email addresses. Channels for different topics have been created (e.g., #general, #development, #design). All project communications are now happening within Slack.
3. **GitHub Repository:**
 - A GitHub repository has been created. All team members have access, and the project code is being managed through the repository. The repository is also linked to the Trello board for seamless tracking of tasks.
4. **GitHub Wiki Pages:**
 - GitHub Wiki pages have been set up to document project details. These include the project overview, objectives, system architecture, and ongoing updates on progress.
5. **Coding Standards:**
 - Two team members have been allocated to define coding standards. The team has agreed on two primary coding standards:
 - **Naming Conventions:** Clear and consistent variable, function, and class naming conventions.
 - **Code Structure:** Adhering to modular code practices, ensuring each module has a clear and focused purpose.
6. **Documentation Tools:**

- Two members researched and suggested documentation tools for source code-level documentation. The tools reviewed include:
 - **Sphinx (for Python):**
 - **Usage:** Sphinx is great for generating documentation from docstrings in Python code.
 - **Advantages:** Automatic documentation generation, easy to integrate with Python.
 - **Disadvantages:** Limited to Python projects.
 - **Doxygen:**
 - **Usage:** Can be used for a variety of programming languages to document code.
 - **Advantages:** Multi-language support, generates documentation from code comments.
 - **Disadvantages:** More complex configuration compared to other tools.

Ongoing/Next Steps

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- Review and finalize coding standards documentation.
- Implement a standardized documentation process using the selected tool (Sphinx or Doxygen).
- Continue project development and track progress using the Trello board and GitHub repository.