

CS50 AI SDLC Reports

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Starting from week 1, use your class time to plan, analyze, design and implement a solution to 1 of the 2 projects that Harvard provides. Once completed, you will be using github as a means of storing and logging your work. **Weighting for this assignment will be considerably shifted towards ensuring that your SDLC is complete and organized, rather than providing functional code solutions.**

It is important to:

1. Keep your work organized:

- Maintain clear file structure within your repo
- Ensure that you are using proper git commands to commit without corrupting repository

2. Use .md formatting to write your SDLC

- Use [.md syntax](#) to keep your writing organized and structured to make

3. Follow proper SDLC guidelines:

Planning:

- Identify your goal
- Outline success criteria
- Evaluate project requirements

Analysis:

- Assess the tools required to complete this (what resources can you use?)
- Establish loose time line / steps required to reach a complete and working algorithm.
- Outline troubleshooting techniques

Design:

- Include a flowchart that helps illustrate your algorithm visually. Be sure to use shapes to signify different functionalities and to not be redundant in illustrating basic functions.