

AI TUTOR | Completion Timeline

Spencer Thompson | Capstone Project

PLAN

DESIGN

CODE

REFACTOR

DOCS

Week 1	SEP 1 - SEP 7
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• Plan new features, bug fixes and sprints. • Outline team member responsibilities.	

Week 2	SEP 8 - SEP 14
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• Design new features and major refactoring. • Design how modules and separate code will communicate. • Design APIs	

Week 3	SEP 15 - SEP 21
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• Rapidly add new features. • Accumulate technical debt. • Deploy	

Week 4	SEP 22 - SEP 28
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• Finish prototype for features. • Identify problem areas and technical debt. • Deploy	

Week 5	SEP 29 - OCT 5
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• Add tests, polish features and fix bugs. • Deploy	

Week 6	OCT 6 - OCT 12
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• Pay back technical debt. • Remove as much code as possible until the tutor breaks then fix it.	

Week 7	OCT 13 - OCT 19
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• Write documentation, primarily code documentation of existing and new code. • Code comments and READMEs	

Week 8	OCT 20 - OCT 26
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• Plan any changes to features, and overdue fixes. • Plan how to pay back more tricky aspects of technical debt.	

Week 9	OCT 27 - NOV 2
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• Start or change new features. • Accumulate technical debt. • Deploy	

Week 10	NOV 3 - NOV 9
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• Finish out all features in project scope. • Identify technical debt. • Deploy	

Week 11	NOV 10 - NOV 16
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• Major code removal and addition of code comments. • Once again delete as much code as possible until the tutor breaks and fix again.	

Week 12	NOV 17 - NOV 23
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• Polish out features. • Fix bugs. • Tweak and enhance tutor behavior. • Finish features.	

Week 13	NOV 24 - NOV 30
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• Major code cleanup. • Make sure every file is documented with comments and doc-strings. • Aim for maintainability.	

Week 14	DEC 1 - DEC 7
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• Technical Report. • Project Report. • Analytics Report. • Project Finished.	