

Proposal Template – Fill out and submit the below table as **pdf** to Gradescope.

Course	ENGR 13300	Semester	<i>Spring 2025</i>
Assignment Name	<i>IP ind proposal</i>	Section	<i>LC1</i>
Student Name	Elaine Chen	List collaborators if any (Name, Purdue login)	
Student Purdue login	chen5047		

Individual Project Proposal	
Programming Language	Python
Project Theme	<p>Mahjong Learning</p> <p>This program is designed for Mahjong learners to know and practice their best move in their current turn</p>
Dream Project Idea	<p>In my free time, I love to play board games with my friends or logic games on my phone. One of my favorite games is Sudoku. It requires logic and thinking while playing the game. For my dream project, I want to make Sudoku and a function that can show the best solution for each game. I wish I could have fun and improve my skills while playing this game. For this game, I would need to learn more about arrays, compare, and how to make it user-friendly.</p>
Proposal	<p>Both my dream project and individual project focus on games. Originally, my dream project explored the optimal solution for Sudoku. However, I've decided to shift the focus to Mahjong, another game that also demands strategic thinking and skill. I plan to develop a practice tool based on my understanding of how the game is played.</p>
Proposal Exception	I talked with Professor Hilan about the topic change and she approved it/