

CSC 520 Computer Science Capstone Project Proposal Presentations

Monday, April 28th, MH 206

9 am - 1:35 pm

Time	Presenter	Title	Description
Example	Chris Smith	K-Zone Analytics	A web app to provide a more streamlined and efficient experience for users who want to track and analyze pitcher performance without distractions. The app will offer two types of user logins: a manager profile and a player profile. Additionally, it will support the tracking of the opposing team's pitching staff, allowing users to log general pitch data, such as pitch types, to analyze trends.
9:00	Greg Jackson	Quintetra- a digital card game	Quintetra is a web-based digital card game. It is a single player game where players use poker mechanics and betting to earn as much gold as they can.
9:20	Marco Gonzalez	Student GrAlder	Student GrAlder is an online quiz platform designed to streamline the creation, management, and grading of quizzes for professors. The system supports various question formats. Including open-ended responses by using artificial intelligence to assist in grading. Additionally, it provides students with immediate feedback on their submissions. Ensuring that students will get immediate feedback on their submission no matter the question.
9:40	Brendan Brown	Dungeon Crawl	This project will focus on the creation of a fantasy <u>text-based role-playing game</u> to be deployed and played on a Windows-based computer or Android device. The user will create a player character to determine available actions to take within the game. These actions will assist the player in overcoming turn-based combat encounters and navigating the in-game dungeon. Players familiar with tabletop role-playing games like <i>Dungeons & Dragons</i> and retro computer games will be familiar with this style of gameplay. The goal of the game is for players to make their way through a dungeon and defeat a boss at the end.
10:00	Giovanni Cherisme	Arena RPG	Arena RPG is a turn-based battle game between a player character and an enemy character that will use GUI to provide visuals for the game and run on Mac devices.
1:00	Yannie Chiem	ZeroWaste	ZeroWaste is a mobile app designed to help households reduce food waste by efficiently managing grocery expiration dates. Users can easily track items through receipt scanning or manual entry, with AI-powered suggestions for missing expiration dates. The app sends

			timely notifications before items expire, helping users avoid waste, save money, and keep their inventory up to date, making grocery management simple and sustainable.
10:40	Sk Rahaman	Doorviewer AI Camera	My Doorviewer AI Camera device will upgrade any traditional door viewer into a security camera while still providing a live feed of the outside and offering AI-powered monitoring of suspicious persons.
11:00	Yacine Bouziane	Fit Journey	FitJourney is a streamlined web application designed for individuals who prefer a simple approach to tracking their health and fitness activities. The platform is tailored for users who favor manual logging instead of relying on automated tracking systems that may be overly complex or difficult to customize.
11:20	Joshua Richardson	CineSense	CineSense is a personalized movie recommendation platform that helps users discover films based on their preferences and viewing history. By using machine learning algorithms, CineSense suggests movies tailored to each user's tastes, whether they're exploring top-rated films, searching for movies by genre or actor, or adding favorites to their collection. With an intuitive interface, CineSense offers an engaging movie experience for all users.
11:40	Cristopher Reyes	The awakening path	The Awakening Path is a fantasy RPG where players control a protagonist on a journey to awaken ancient magical powers. Playable exclusively on PC, the game features dynamic non-player characters (NPCs) powered by AI-driven algorithms to determine their reactions. NPCs adapt to the player's combat style, dialogue decisions, and moral choices, enabling the world to evolve organically and deliver a personalized narrative with every playthrough.
12 - 1		Lunch	
1:00	Jacquelyn Charbonneau	Lands of Logic	Lands of Logic is a website that takes heavy inspiration from browser-based RPGs to aid in the practice of Math, especially in regards to word problems. Players will be able to create a character with specific stats as well as buy potions and other items to increase their chances of succeeding in quests, which are drawn out word problems.