CSC 521 Computer Science Capstone Project Presentations
Friday, May 2nd, MH 206
9 am - 2:15 pm

Time	Presenter	Advisor	Title	Description
9:00	Christopher Smith	Dr. Allan Brockenbrough	K-Zone Analytics	Allow Manager to track and view live stats for their teams pitcher. After game has been concluded allow the manager to view a detailed view of the game in a history tab.
9:20	Huthifa Ahmed	Dr. Komalpreet Kaur	PMC (Portable Morse Code)	Portable Morse Code is a portable device that can encode and decode English text to Morse code. Output is given through an LED, speakers, and an LCD screen. This device is convenient for long periods of usage and is chargeable through a USB port. This can be used by many people, ranging from enthusiasts to educators or spies.
9:40	Karan Patel	Dr. Allan Brockenbrough	AI Recipe Haven	Discover recipes from around the world, customize them to your tastes, and chat with our AI for cooking tips and ideas. With filters for allergies, calories, and ingredients, plus meal planning and shopping lists, we make cooking simple and fun.
10:00	Jacob Burk	Dr. Allan Brockenbrough	Blackjack Mastery	Blackjack Mastery is an entire training platform that teaches users the basics of blackjack strategy and card counting techniques. Users are led live by an interactive AI tutor, who provides feedback and personal recommendations to further their decision-making skills and game play.
10:20	Luca Costa	Dr. Komalpreet Kaur	UFOs: A Machine Learning Exploration	A machine learning research project investigating and predicting UFO sightings with Recurrent Neural Network models and an accompanying web app
10:40	Alexander Kosvin	Dr. Komalpreet Kaur	Smart Nutrition Tracker	A nutrition and calorie tracking app using AI to convert descriptions to nutrition information
11:00	Dominic Salinas	Dr. Allan Brockenbrough	Image Generator	
11:20	Alejandro Ramirez	Dr. Allan Brockenbrough	Car vs. Car	A web application that allows users to compare two vehicles based on a variety of metrics and specifications, including performance, safety, price, and fuel

				efficiency. Users can set their vehicle preferences and receive AI-powered suggestions for a more personalized experience. This web app aims to help users make more informed decisions when shopping for a car.
11:40	Sean Bolles	Dr. Allan Brockenbrough	Demeter	A web app designed to help users find nature spots such as hiking trails and beach fronts. They will be able to do this through various key phrases and filters. Users will also be able to submit their own spots with descriptions and location filters.
12 - 1	Lunch			
1:00	Josh Raimo	Dr. Allan Brockenbrough	Rent-a-Ride	A car rental website where users can rent cars based on their needs. There are filters to help users find a car that is best suitable for them.
1:20	Joseph Severe	Dr. Komalpreet Kaur	UniChat	An AI-based chat system where prospective students could ask general questions for undergraduate admissions topics which follows a RAG system flow.
1:40	Spencer Summit & Gabriel Colon	Dr. Komalpreet Kaur	A Viking's Legacy - A Minecraft mod	A modification to the video game Minecraft, which adds new features to the game. The center theme of the modification and its features is Salem State. It adds new content to the standard game for players to engage with based around SSU.
2:00	VuQuocAnh Nguyen	Dr. Bo Hatfield	Yummi food	Yummi Food is a web application designed to mimic a real food ordering experience. Users can browse menus, rate dishes, build a cart, and process orders intuitively. Once an order is placed, users can easily track their order history by date and time. Administrators can edit food details, such as name, description, category, and price. They can also add new food items to the menu and delete existing food items.