



ENSE 400

Capstone Student Project Introductions

The Ni(c)(k)S

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Initial System & Functional Requirements



- Our Project is Bill Pratt's pitch for a home care on demand app.
 - Android and iOS apps; potentially Amazon Alexa and/or Google Home integration if time and resources permit.
- Does there exist similar current technologies?
 - There are home care apps, but nothing for on demand services with quick turn around.
- Is your project a new innovation?
 - No, ride, food, and shopping on demand apps are already a thing, this is just applying it to health care.
- Discuss from your team's
 - Project Vision: Develop and deliver an app to provide a new way to administer home care.
 - Project Rationale: This project has the potential to offer a service that currently isn't available and could serve to be very beneficial to the users.
 - Envisioned Stakeholders: Us, Bill, Eden Care, Home Care Users
 - Assumptions and Envisioned Constraints: Non-profit project. We will have mostly free reign over software choices

Project Management & Assorted Details

- What processes or technologies does your team envision using to help design and develop your project
 - We plan to follow the agile development process for our project.
 - We will be using Hubstaff for project management and tracking
 - Low-level architecture
 - Xamarin App Platform with ASP.NET Core framework
 - Android Pay and Apple Pay with the use of Stripe
 - Google Cloud platform -> allows access to Google Maps APIs
 - Since we are using Xamarin, our app will be written in C#

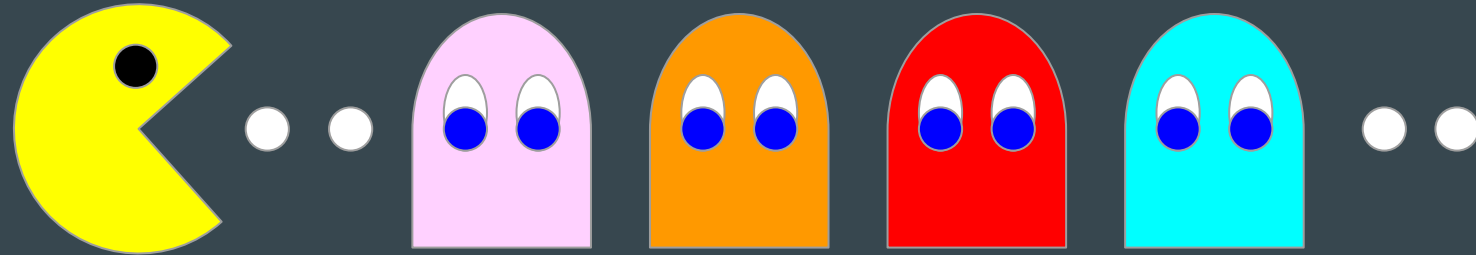


Student Colleague Q/A

Any questions, ideas, or comments?



Group Reflection



- What do you hope to get out of the Capstone class experience?
 - Engineering design and decision making experience akin to what we would experience in the field as a team of contracted engineers.
- Specifically – What did you hope to learn over the duration of ENSE 400/477?
 - How to handle contract design and development project management. As well all how to work as a team to build an app from the ground up.
- Do you envision any barriers to your success over the duration of ENSE 400/477?
 - Potentially the learning curve of developing an app such as this with features we have no experience working with. As well as working with software that we are not all familiar with. We hope to avoid any sort of scope or communication barriers with proper planning, preparation, and time management.

Thank You

