

Production App report

Group 8: Duc Duong, Minh Nguyen

App name: **Coog Path**

Specification:

1. Motivation: resolve limitation of Apple Map (unable to search a building using building name abbreviation) and UH map (unable to use live location and direction feature)
2. Color palett choice: we chose U of H red color MainColor (Color.main): #C8102E and black as the main color for app's font and icons because this is an U of H aspired app and black text to create contrast for readability. We picked light grey background (Color.background): #F2F2F7 to improve reading contrast. App icon has yellow as major color, so it looks more appealing.
3. Font selection: we chose swift default title font throughout the app because it looks simple but still nice and appealing. We target to make the app as user-friendly and less distraction as possible. In my opinion, the simplicity of title font would reduce distraction which is good for user. Our goal is to save user's time navigate around campus, so it makes sense not to make the app distracting.
4. Updated after Beta App:
 - Made Home Screen works properly
 - Added location preview
 - Made fetch route button and cancel button
 - Adjusted map and camera behaviors
 - Implemented database to save user schedule
 - Developed favorite building feature
 - Added Navigation Button in Building Screen so user can switch to Map View in Building Detail View
5. Setup Instruction: Preferably working with this project on macOS
 - Requirements: Xcode >= 15 with iOS 17 installed Git
 - Clone the repository: git clone <https://github.com/ndminhvn/Coog-Path>
 - Open the project with Xcode (or double-click Coog Path.xcodeproj)
 - Build the project
 - Custom Location for Simulator: This simulates the central UH location - Open Features -> Location -> Custom Location: - Latitude: 29.72001 - Longitude: -95.34207

Work distribution:

Minh Nguyen: Coding 60%, Design 70%

- Design App mockup
- Set up project version control on Github
- Design and develop all features Building Screen and Profile screen.
- Implement database

Duc Duong: Coding 40%, Design 30%

- Develop all features in Home Screen.
- Document User flow chart, wireframe, prototype, and app specification.