



Nap App Outline

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College is a challenging and exhausting time for students. Many students do not have time to get enough sleep at night. Sleep is crucial for a person's health and well-being, especially a stressed college student. A short 20-30 minute nap can help to improve one's mood, alertness, and performance. One's sleep environment can greatly affect their ability to fall asleep. Students need a good place on campus to take a short nap so they can perform to the best of their abilities for the remainder of their day.

Our solution: We are creating Nap App™, a tool to aid college students in finding spots to nap around campus. Here's how it works:

- Submitting napping spot profiles
 - Users submit napping spot profiles that include;
 - A picture of the spot
 - Description - what makes this spot special?
 - Rating from 1 - 5 stars
 - Every submission is approved by "submission ambassadors" to make sure the spots are legitimate
- Viewing and reserving napping spots
 - Users are able to see a map containing pins for the locations of local napping spots submitted by other users
 - Students reserve a spot up to 15 minutes before arrival
 - Once the student leaves the nap spot, it will be added back to the map
- Safety
 - Checking into a nap spot will remove it from the map to insure student's safety
- Spot Ratings
 - Users can submit a review for each spot after checking in
 - Submitting reviews for spots earns benefits, including the ability to check into spots further in advance

Our Implementation

All of our group members are relatively inexperienced coders; We have never attended a hackathon, written an app, or even coded in Swift. Therefore, our goal was to begin to build a foundation for the rest of the app by learning the basics of using Swift in XCode to develop an iOS app.

We have created the submission page for a new spot. This simple application allows the user to create a nap spot profile that includes a name for the spot, a picture of the spot, and a rating from 1-5 stars.

Future features of the app include...

- Submitting the location and a description of the spot
- Storing all the submissions
- Having an interface for browsing and reserving prospective spots