Team:

| JaMyius Cunningham | jamyius@email.sc.edu |
| --- | --- |
| Ty Bettis | tbettis@email.sc.edu |
| Jacob Vaught | JVAUGHT@email.sc.edu |
| Quintarius Floyd | qfloyd@email.sc.edu |

Who is experiencing the problem?

- Undergraduate students taking classes in new buildings
- Transfer students taking classes in new buildings
- People unfamiliar with the location

What is the problem?

- A lot of buildings on the UofSC campus have confusing, and unintuitive architectural designs and people can easily get lost or be late for meetings.
- If you forget your Carolina card in a classroom, you will be locked out of the building unless someone lets you in.

Where does the problem present itself?

- The problem presents itself in campus buildings.

Why does it matter?

- Getting lost on first day of classes can be a hinderance to first year student experiences
- Leaving your Carolina card in a lab sucks, since you will have to email a professor, or wait for someone to let you in.
- Finding the fastest way to get to a new building could be helpful for students.

Solutions

- This solution could result in a more efficient and intuitive freshman year experience for freshmen.
- Building upkeep management can reduce costs by only improving the areas where the app recommends people walk.
- It can also be used to reduce infectious disease spreading by routing people to take different routes to avoid as much contact as possible.
- It could also be used to help students find professors office, and less time could be wasted trying to email people.
- The app could also let the user know if they have access to the building or room they are trying to enter.
- It could also give students access to the buildings/room they are trying to enter if an administrator/professor provides "temporary access".
- This would work just like their Carolina Card and could replace it in special cases.

- Maybe a professor needs to provide lab access to a student, and this would be useful for that.