Ubiquitous and Mobile Computing

CS 4518: Homework Huddle

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“Finding help on projects and homework assignments outside of office hours and tutoring sessions can be difficult.”
Motivation

100% wanted more opportunities

80% would be willing to share knowledge
Solution

Available

Peer-to-peer

Community
Methodology

Tom Robinson

EDIT USERNAME

ELECTRICAL AND COMPUTER ENGINEERING

COMPUTER SCIENCE

1004
1101
1102
2011
2022
2102
2119
2223

https://youtu.be/6C3s7qP6O8Y
Implementation - Database

- JSON-based
- Realtime
Implementation - Notifications

18:50 • Thu, Mar 2

Huddle Up!
You've been invited to Hell

I'M COMING!  CAN'T RIGHT NOW
Implementation - Geofencing
Testing & Evaluations

- 7 Users
- No Instruction
- 6/7

Main Concerns

- Startup screen was confusing
- User Interface was lacking
Future Work

- Informative startup screen
- Multi-User Huddles
- Show list of active huddles
- Google Calendar Integration
- User Ranking
Questions?
References

- Firebase.google.com
- https://developers.google.com/google-apps/calendar/