

Flaming Swallow



SINCAP

An Augmented Reality Game

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TEAM



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Problem?

- In Turkey, people tend to spend too much time at home. So, they don't have enough opportunity to go for a walk outside.
- We aim to solve the boredom of people by having them going outside.

Existing Solutions

App Name	GPS	Augmented Reality	Orientation Sensor
Parallel Kingdom	X	✓	X
Pokemon Go	✓	✓	✓
Geoguessr	✓	x	x
Table Ice Hockey	x	✓	x
Sincap	✓	✓	✓

About Sincap

- *We aim to develop an application that uses real world data for playing games like scavenger hunt which is one of many different types of games which can have one or more players who try to find hidden articles, locations or places by using a series of clues.*

About Game

- User starts the game at starting checkpoint.
- User tries to see and solve the hint by using camera.
- If user solves the hint and goes to the right checkpoint, new hint will be shown.
- This continues until final checkpoint is reached.

Components

- GPS;
The app finds users' locations using GPS.
- Camera Feedback;
The app display a hint on top of the camera preview.
- Orientation Sensor (Software based);
The app shows a hint based on right camera direction.

Used Technologies

- Cloud Server (Digital Ocean)
- Google Earth
- KML Keyhole Markup Language
- Android Studio
- Django Framework
- Java, MySQL

Questions

