

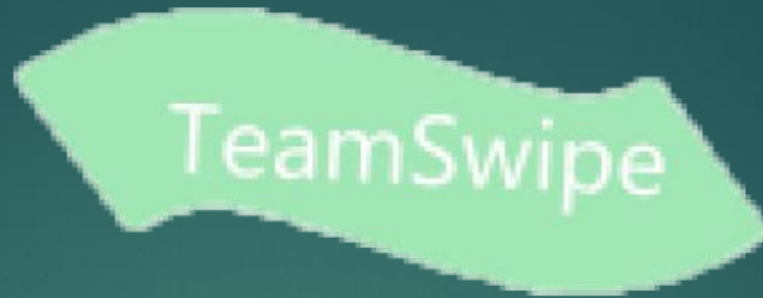


TeamSwipe Payment Manager

BY LIAM NILAN

SOFTWARE AND ELECTRONIC ENGINEERING

ATU GALWAY



Have you ever forgotten to sign the sheet
into work?



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Please Sign In

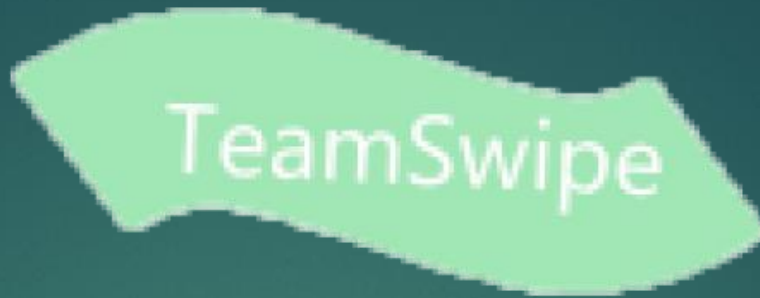
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TeamSwipe

Have you ever forgotten to sign the sheet into work?

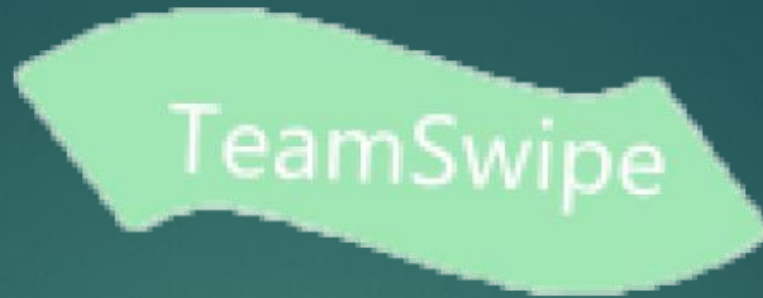
Have you ever felt you weren't being paid exactly what you are owed?





My project TeamSwipe Payment manager can solve this. It is a cloud connected, lot clock-in clock-out machine with a NextJS webapp to manage employees



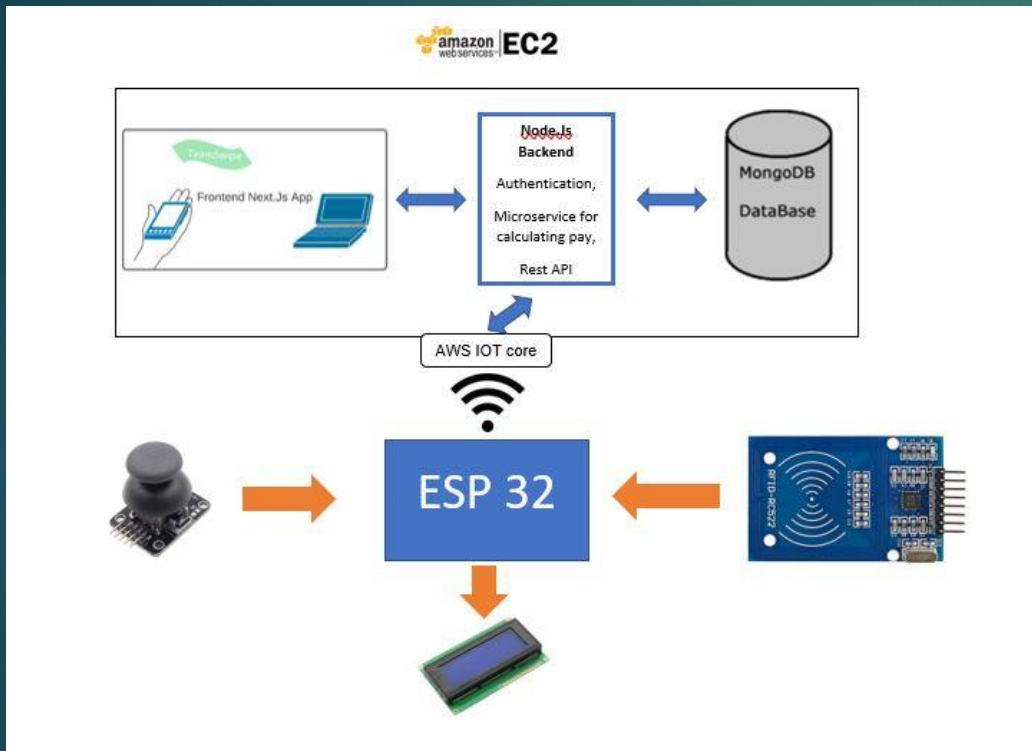


My project TeamSwipe Payment manager can solve this. It is a cloud connected, lot clock-in clock-out machine with a NextJS webapp to manage employees

This project makes it easy for employees to easily sign in and sign out of work. Managers can also hire and fire employees through the webapp

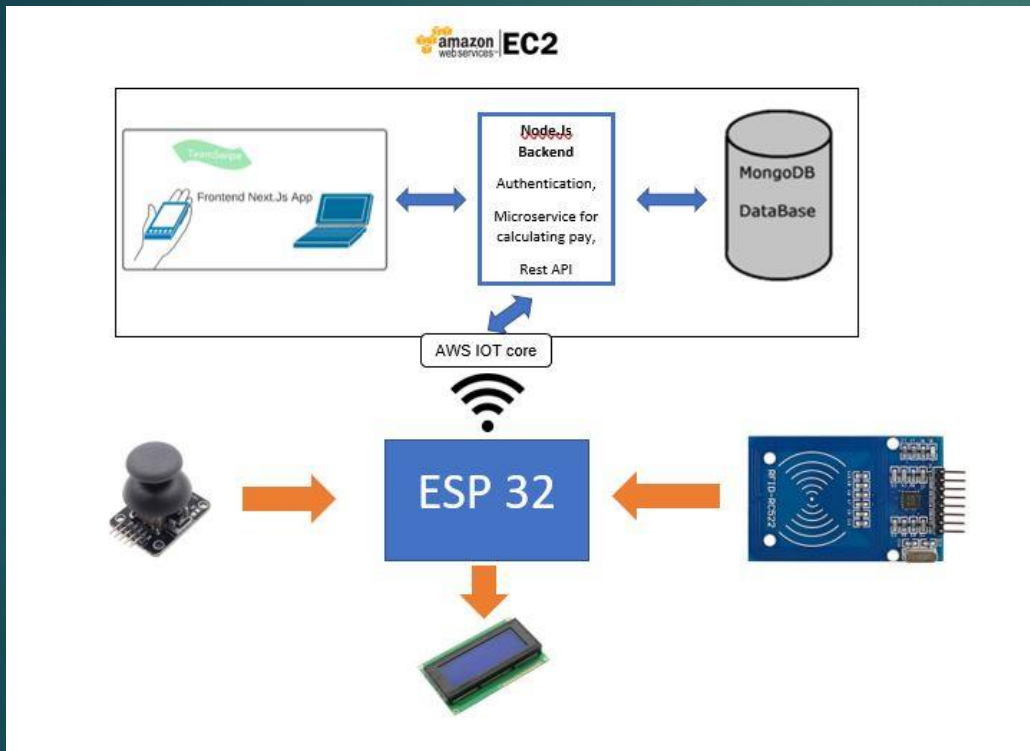


TeamSwipe



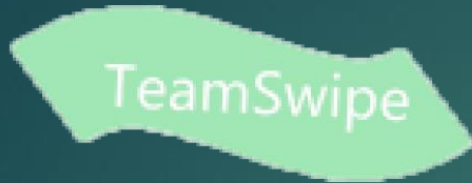
The project follows a MERN (Mongodb, Express, React, NodeJS) stack hosted on an Amazon EC2 instance. The ESP32 clock in device connects to this through MQTT and AWS IoT core

TeamSwipe



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There is login authentication on the NodeJS backend that makes it possible for different businesses to sign up. The NodeJS backend also calculates an employees pay by measuring the time the were clocked in.

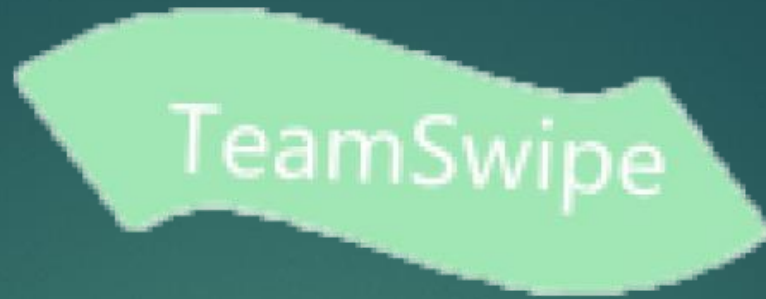


► This project was developed with an agile philosophy. I used JIRA to track my progress and git and Github to manage versions of my code

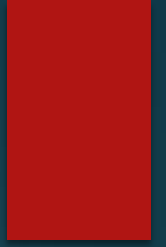
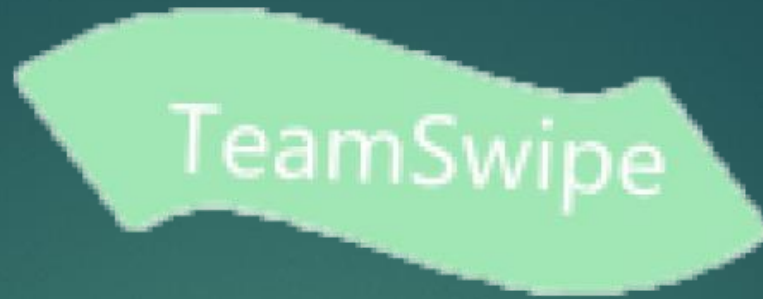
► I broke the project down into four epics. Frontend, Backend, ESP32 and other project work.



Epic	FEB	MAR	APR
> TEAM-1 TeamSwipe frontend			
> TEAM-2 TeamSwipe Backend			
> TEAM-3 ESP-32 Device			
> TEAM-9 Other project tasks			
+ Create Epic			



Demonstration



Thank you for listening

The logo for TeamSwipe, featuring the word "TeamSwipe" in a white, sans-serif font. The text is centered within a light blue, irregular, wavy-edged shape that resembles a torn piece of paper or a brushstroke. The background of the slide is a dark teal color.

TeamSwipe

References:

Sign in sheet,

<https://i.pinimg.com/originals/22/c3/c2/22c3c2a8eab855e570df46f05941093d.jpg>

Money in hand, <https://www.moneyunder30.com/finance-a-purchase-or-pay-cash>

JIRA logo, <https://en.wikipedia.org/wiki/File:JIRA.png>