T.W.I.P.

Two-Wheeler Indicator Panel

Feedback

Add a way to retrieve your account if you lose your pincode.

Emphasize what makes our product unique.

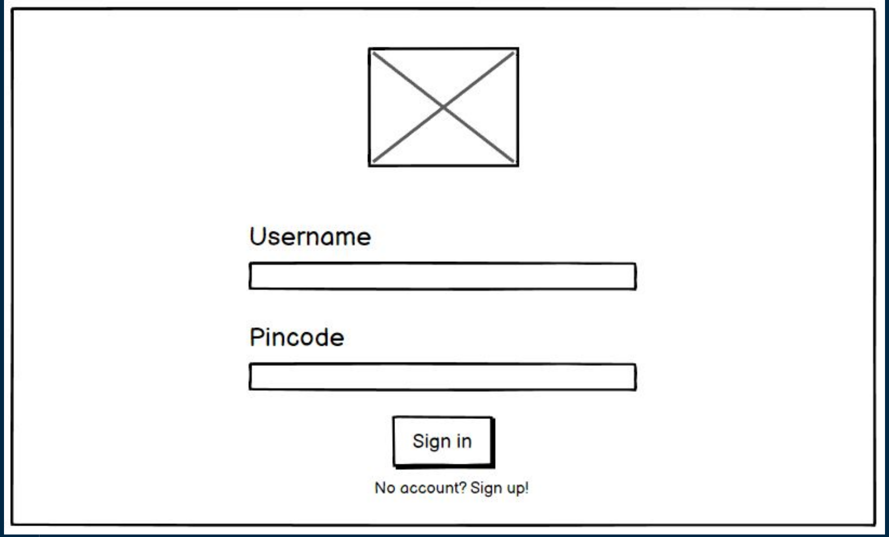
Delve deeper into details about how we are going to realize everything.

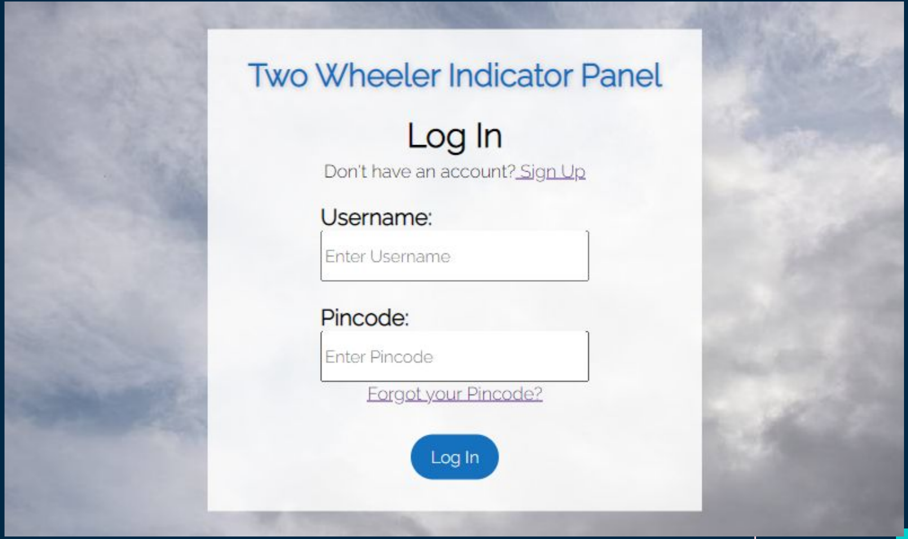
Organization & Planning

Front-end

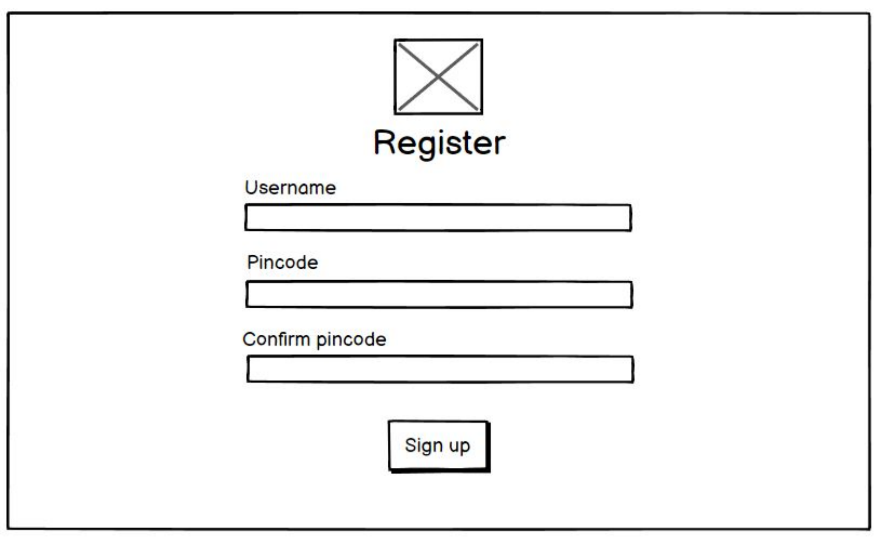
Back-end

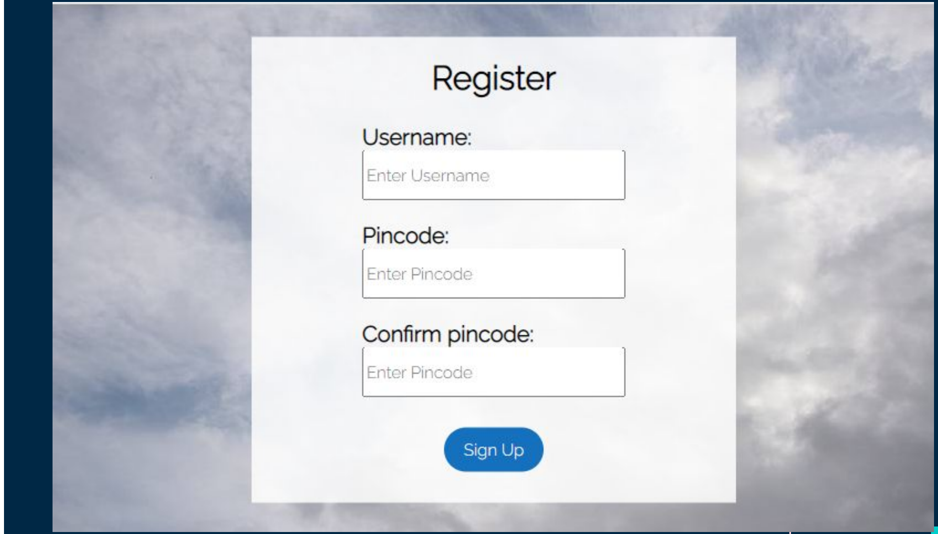
Product increment – Log In page



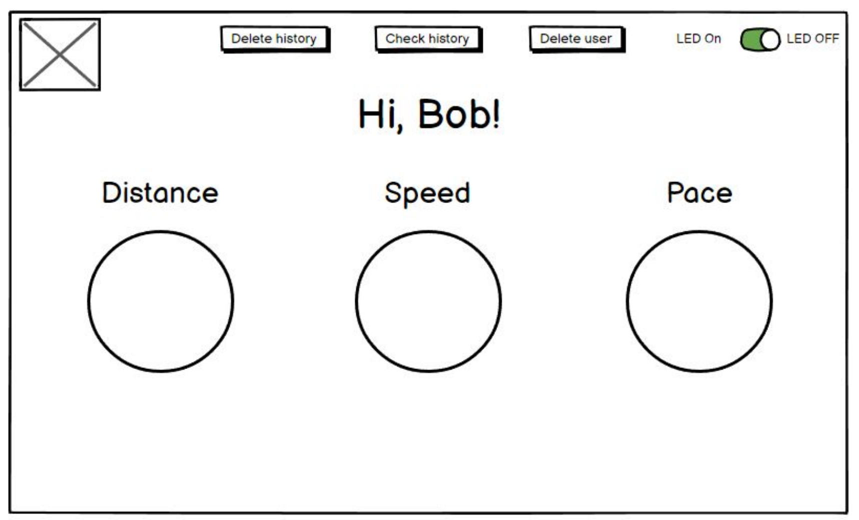


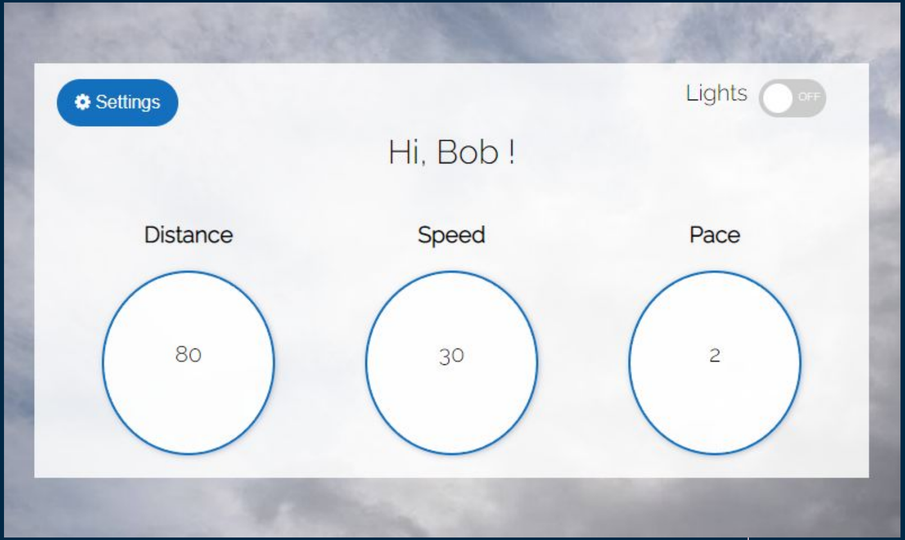
Product increment – Register page

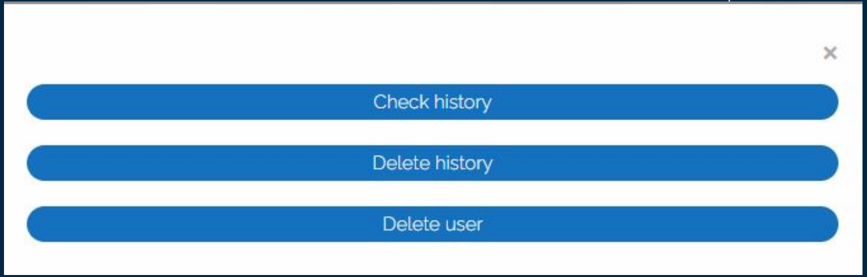




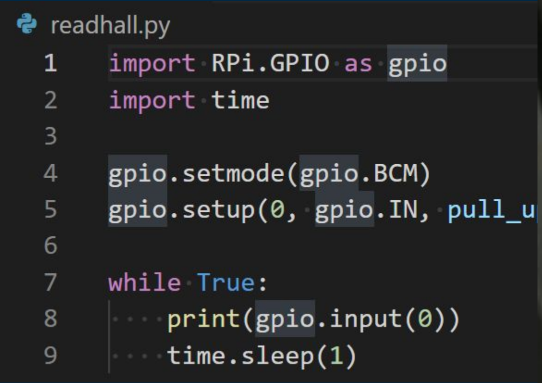
Product increment – Homepage







Sensor

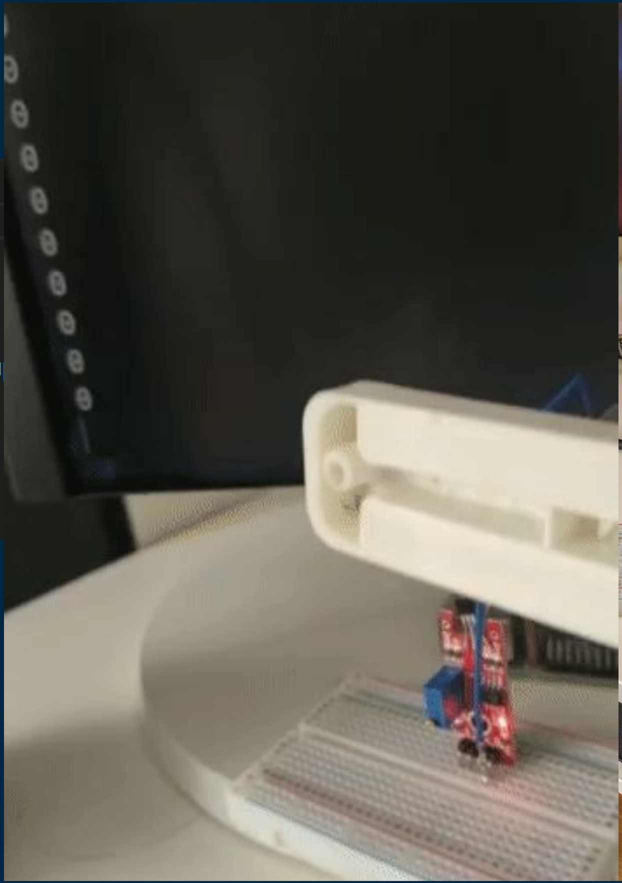


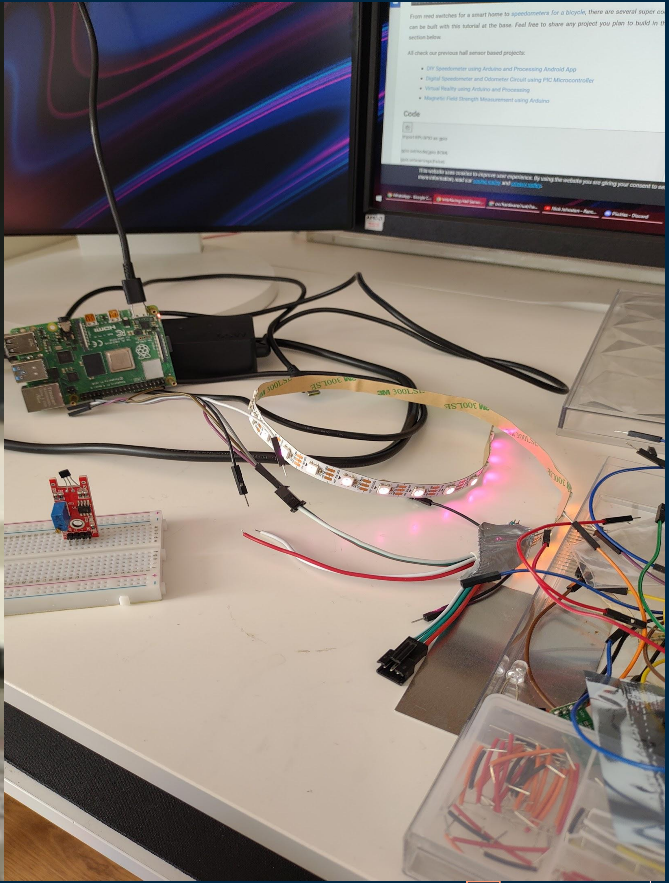
readhall.py

```python
import RPi.GPIO as gpio
import time

gpio.setmode(gpio.BCM)
gpio.setup(0, gpio.IN, pull_u

while True:
    print(gpio.input(0))
    time.sleep(1)
```





MVP

Programming

Backend

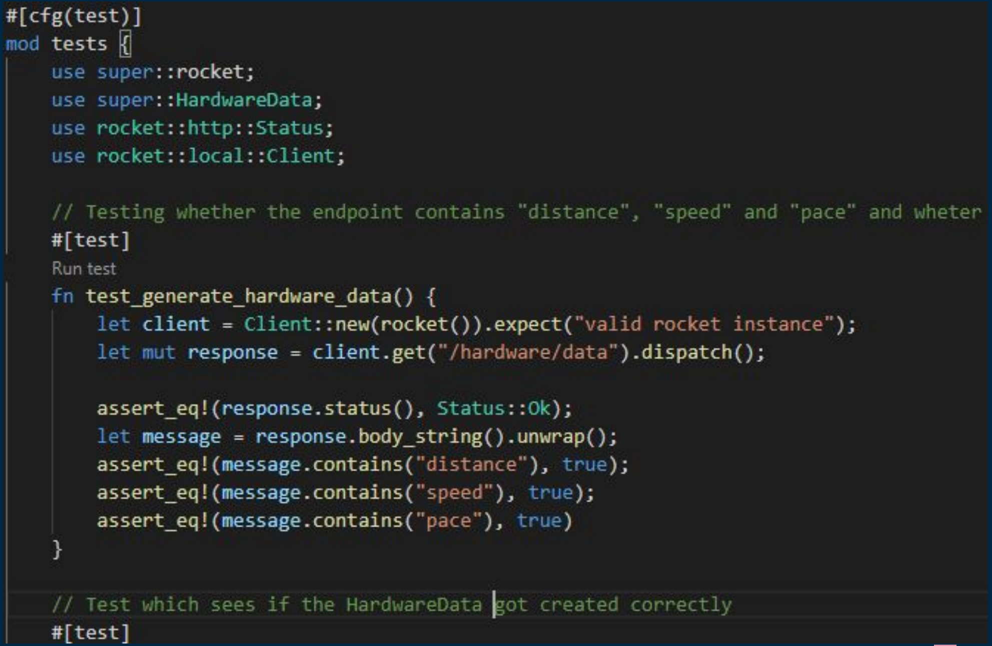
Hardware

Testing

Unit Testing (rust)

System Testing

Hardware Testing



```rust
#[cfg(test)]
mod tests {
    use super::rocket;
    use super::HardwareData;
    use rocket::http::Status;
    use rocket::local::Client;

    // Testing whether the endpoint contains "distance", "speed" and "pace" and wheter
    #[test]
    Run test
    fn test_generate_hardware_data() {
        let client = Client::new(rocket()).expect("valid rocket instance");
        let mut response = client.get("/hardware/data").dispatch();

        assert_eq!(response.status(), Status::Ok);
        let message = response.body_string().unwrap();
        assert_eq!(message.contains("distance"), true);
        assert_eq!(message.contains("speed"), true);
        assert_eq!(message.contains("pace"), true)
    }

    // Test which sees if the HardwareData got created correctly
    #[test]
```

Security

Authentication

System security

Security tests

Planning for next sprint

Improve Front-end

Making a logo

User authentication

Show trip history

Light sensor

Q&A