AquaPi

By Otto, Dhanvinder, and Mario

Components
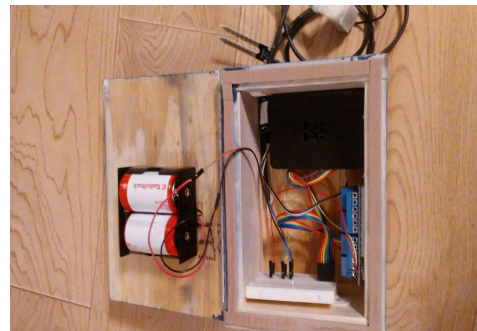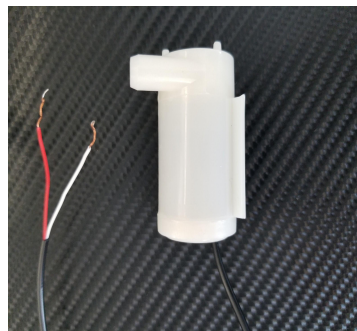
System Implementation

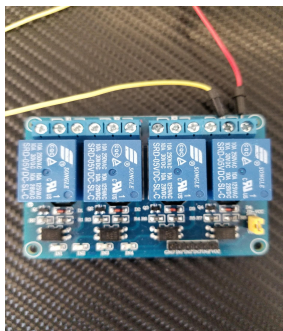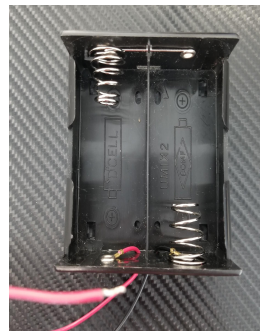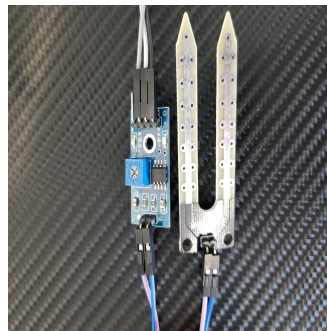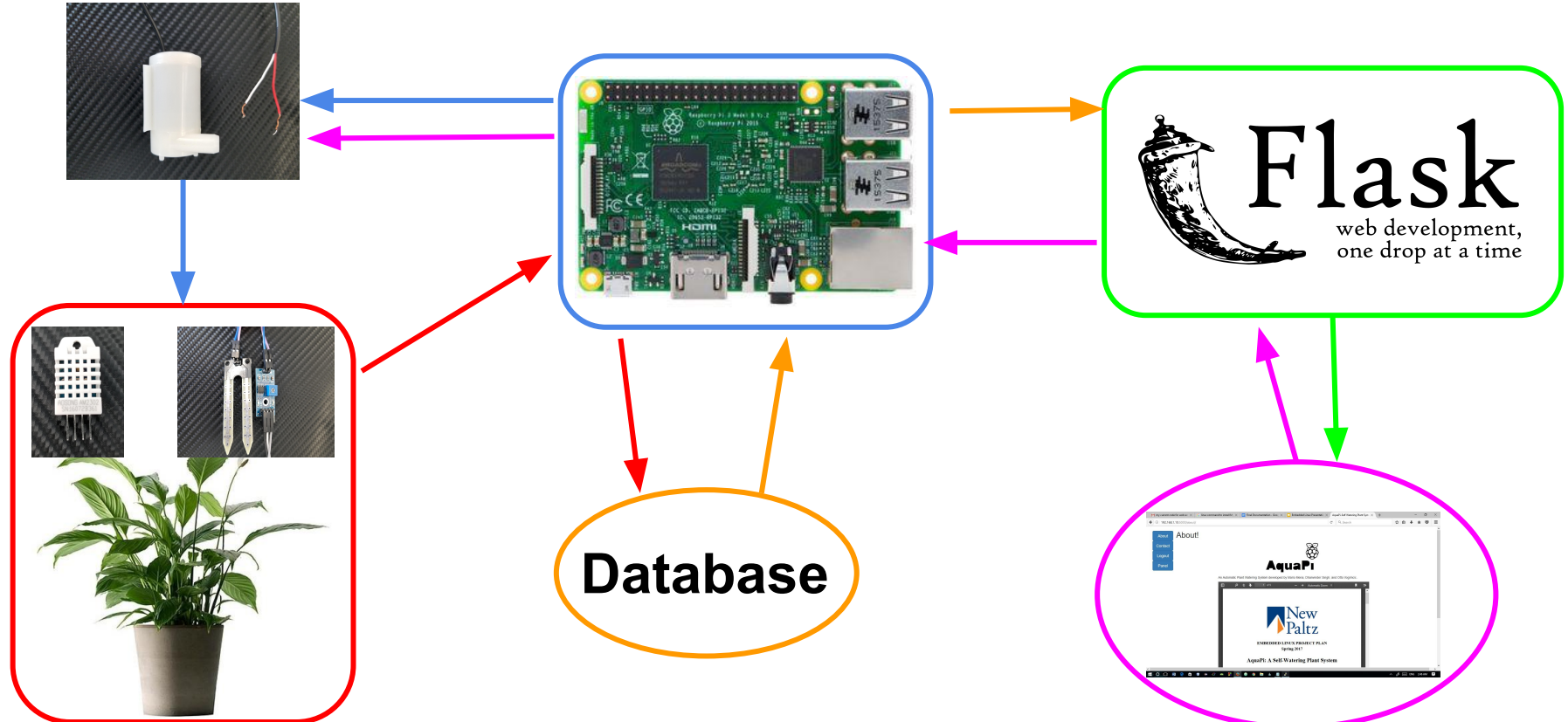# System Implementation

Database
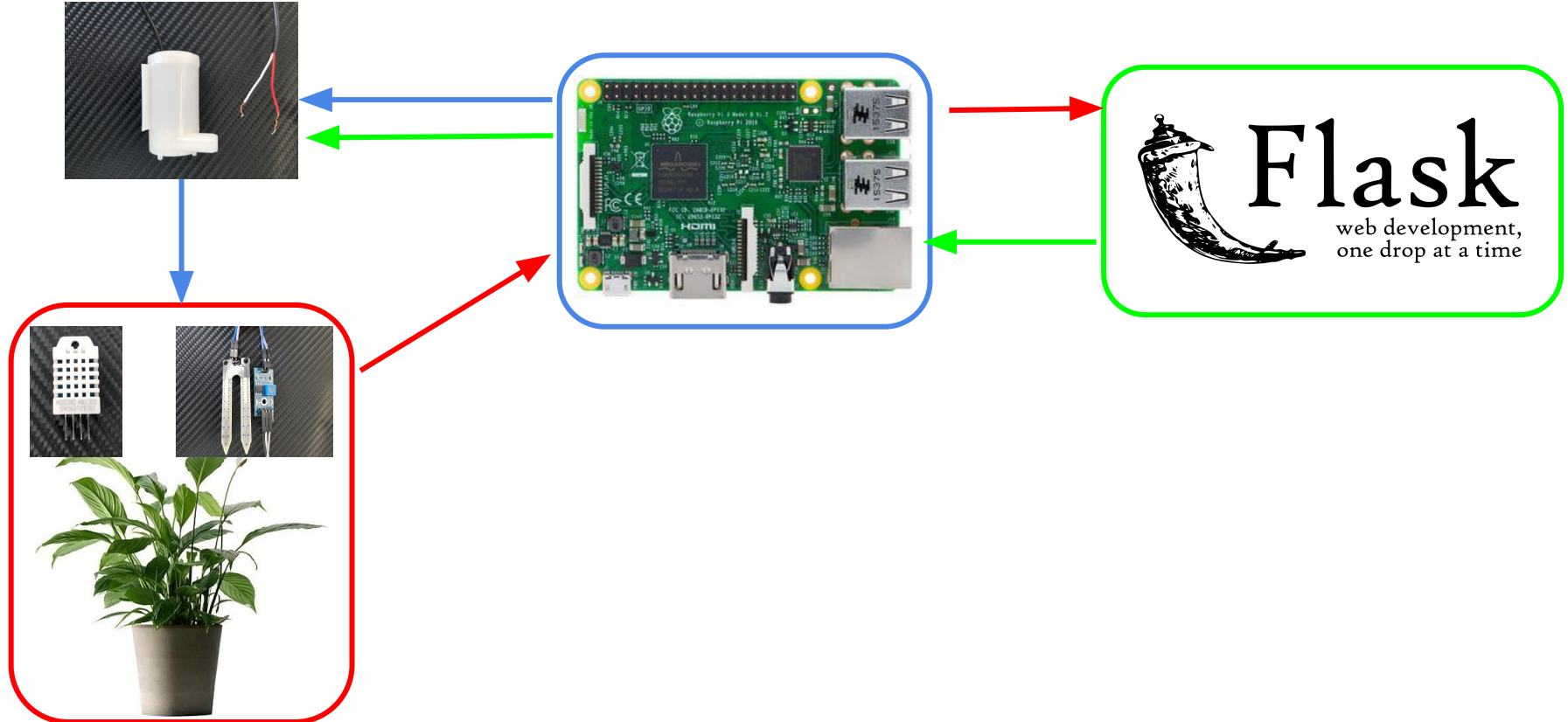
```python
import flask
import settings

# Views
from main import Main
from login import Login
from water import Water
from temp import Temperature
from chart import Chart

app = flask.Flask(__name__)
app.secret_key = settings.secret_key
```

```python
14    # Routes
15    app.add_url_rule('/',
16                         view_func=Main.as_view('main'),
17                         methods=["GET"])
18    app.add_url_rule('/<page>/',
19                         view_func=Main.as_view('page'),
20                         methods=["GET"])
21    app.add_url_rule('/login/',
22                         view_func=Login.as_view('login'),
23                         methods=["GET", "POST"])
24    app.add_url_rule('/water/',
25                  view_func=Water.as_view('water'),
26                 methods=['GET', 'POST'])
27    app.add_url_rule('/temp/',
28                         view_func=Temperature.as_view('temp'),
29                         methods=['GET'])
30    app.add_url_rule('/chart/',
31                         view_func=Chart.as_view('chart'),
32                         methods=['GET'])
33
```

```python
@app.errorhandler(404)
def page_not_found(error):
    return flask.render_template('404.html'), 404

app.debug = True
app.run(host='0.0.0.0', port=5000)
```
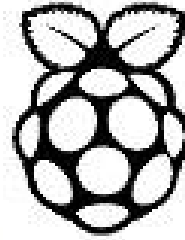
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Saving the world one drop at a time!