Gofit

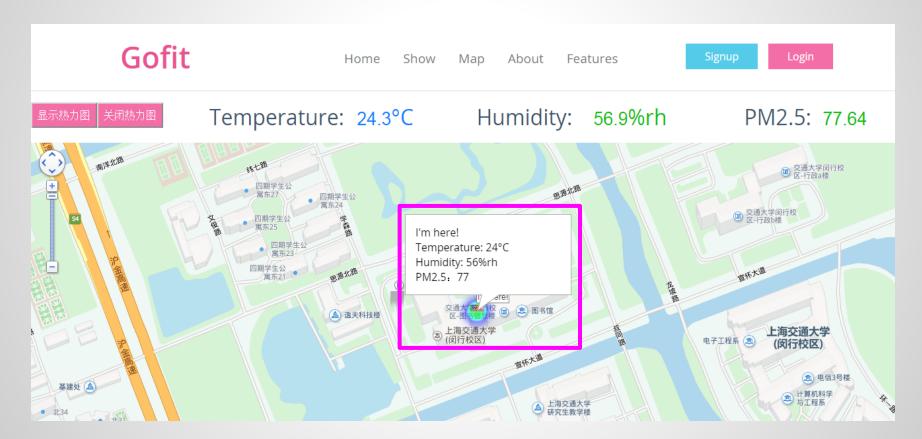
Share your weather information and Go Fit!

Group P: 汤旭国, <u>袁斌</u>, 毕越

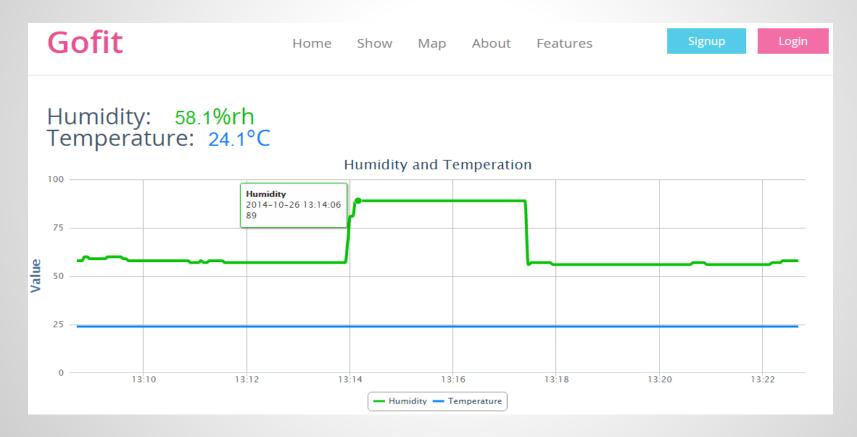
Content

- > Overview
- > Architecture
- > Forecast

Overview - Gofit



Graph - Humidity and Temperature



Historical Data

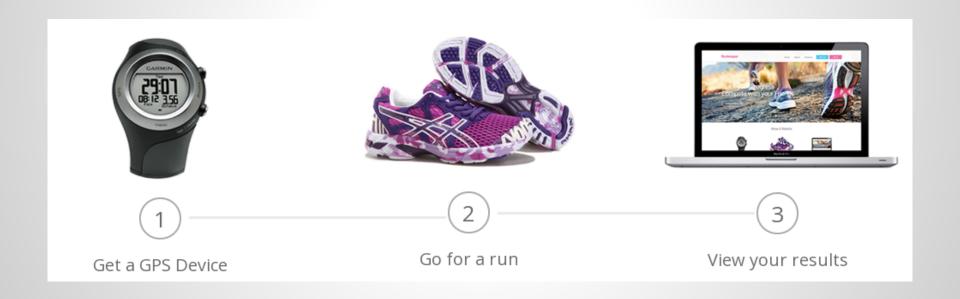
ome > Chart > Weather_datas										
Select weath	er_data to change									Add weather_date
Q	Search									Filter
Action:	▼ Go 0 of 10	O selected								By group number
■ Id 2 [△]	Group number 3 △	Time	1 ▽	Pm	4 ^	Humidity	5 🛎	Temperature	6 🛎	0
1695	15	Oct. 26, 2014, 1:31 p.m.		117.48		55.30		24.10		By time Any date Today Past 7 days This month This year
1694	15	Oct. 26, 2014, 1:31 p.m.		123.29		55.40		24.10		
1693	15	Oct. 26, 2014, 1:31 p.m.		105.86		55.50		24.10		
1692	15	Oct. 26, 2014, 1:31 p.m.		95.90		55.50		24.10		
1691	15	Oct. 26, 2014, 1:31 p.m.		85.11		55.70		24.10		
1690	15	Oct. 26, 2014, 1:31 p.m.		82.62		55.80		24.10		
1689	15	Oct. 26, 2014, 1:31 p.m.		95.90		55.70		24.20		
1688	15	Oct. 26, 2014, 1:31 p.m.		75.98		55.40		24.10		
1687	15	Oct. 26, 2014, 1:30 p.m.		85.94		55.20		24.10		
1686	15	Oct. 26, 2014, 1:30 p.m.		83.45		55.00		24.10		
1685	15	Oct. 26, 2014, 1:30 p.m.		83.45		55.00		24.10		
1684	15	Oct. 26, 2014, 1:30 p.m.		75.15		54.90		24.10		
1683	15	Oct. 26, 2014, 1:30 p.m.		92.58		54.90		24.10		
1682	15	Oct. 26, 2014, 1:30 p.m.		93.41		54.90		24.10		
1681	15	Oct. 26, 2014, 1:30 p.m.		80.13		54.90		24.10		
1680	15	Oct. 26, 2014, 1:30 p.m.		80.96		54.90		24.10		
1679	15	Oct. 26, 2014, 1:30 p.m.		80.13		55.00		24.10		
1678	15	Oct. 26, 2014, 1:30 p.m.		84.28		55.00		24.10		
O 1677	15	Oct 26 2014 1:20 p.m		77.64		E4.00		24.20		

Application

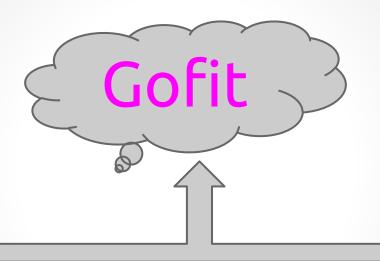




Application



Architecture - Gofit



Hardware

Arduino + Sensor



Network

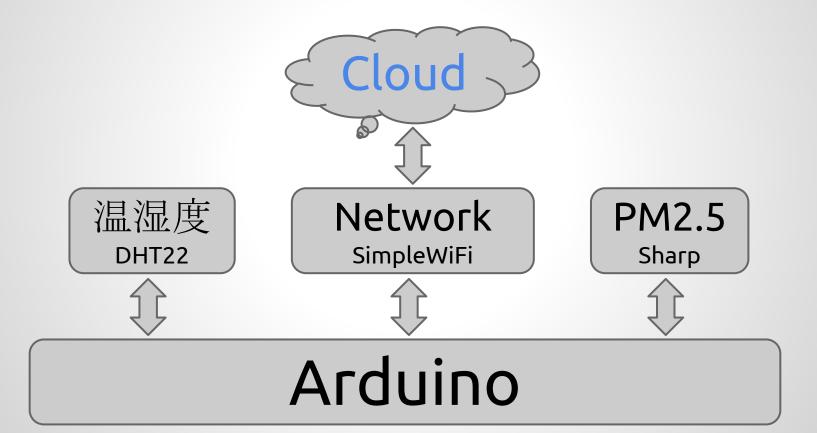
SimpleWiFi



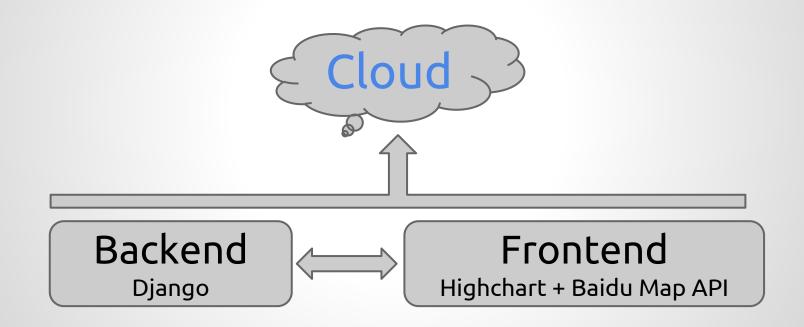
Cloud

Data Processing

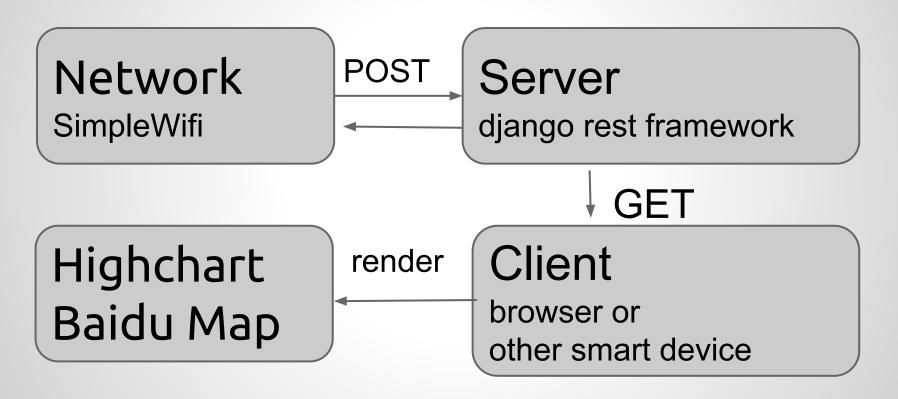
Architecture - Hardware



Architecture - Cloud



Visualisation



Forecast

- > GPS
- Multi Devices
- > A lot of People
- > Mobile client
- Notification
- Cloud API for visualization
- Customization