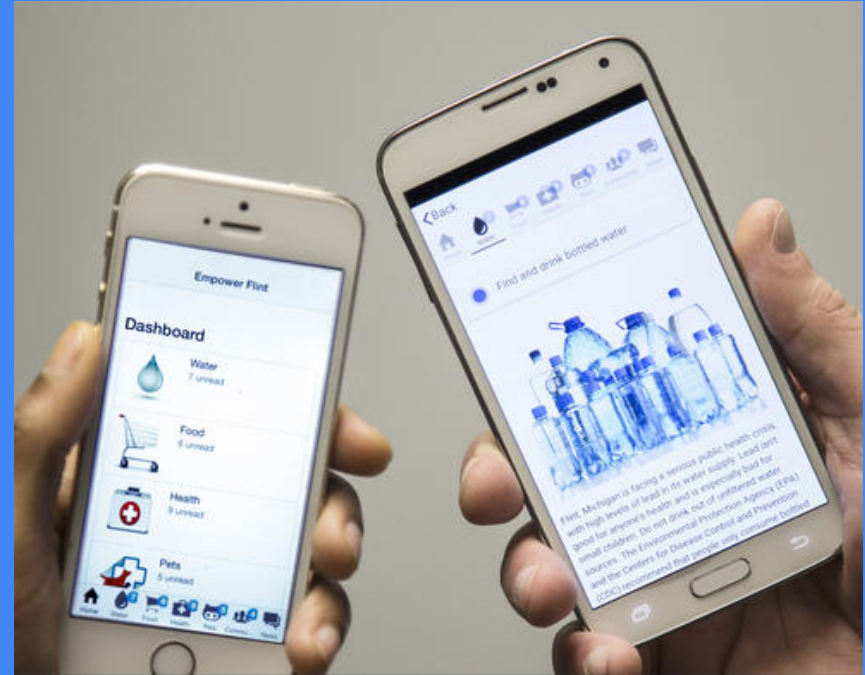# Dr. Map

Preventive doctor within your hands

Key Elements

➔ Data collection

➔ Display statistics

➔ Data counter check

➔ Epidemic prediction

➔ Alert broadcasting

Data collection

Data collection

Display statistics to the user
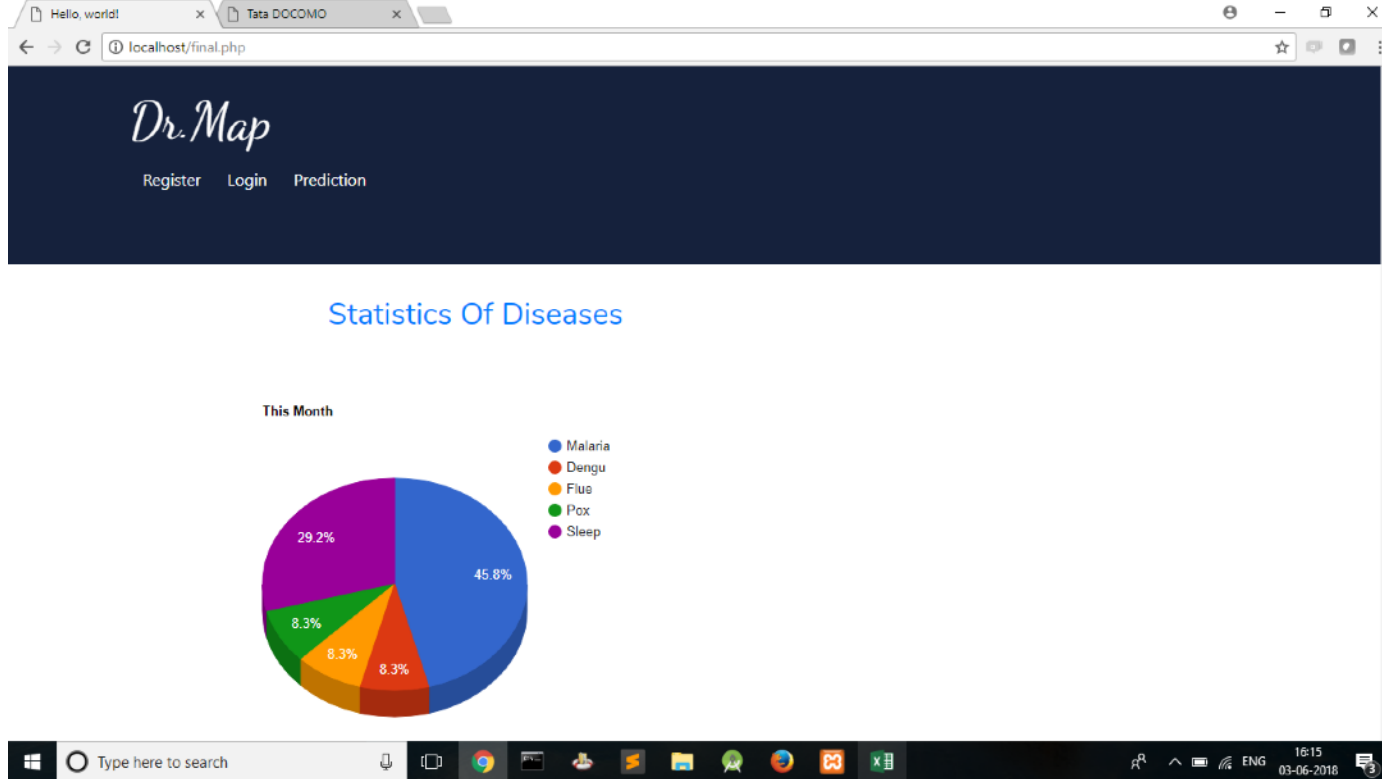
Training data for prediction

Max.Temperature	Min.Temperature	Avg.Humidity	Rainfall	Positive	pf	Outbreak
29	18	49.74	0	2156	112	0
34	23	83.27	15.22	10717	677	1
40	23	50.74	0	1257	127	0
34	24	59.16	9.06	4198	211	0
34	27	73.23	0	11808	712	1
31	24	88.77	41.4	10881	648	1
33	24	77.94	23.88	8830	459	1
31	24	84.57	11.15	9693	482	0
36	24	53.4	2.12	9310	549	0
32	23	57.5	0	13154	838	1

Test data

Max.Temperature	Min.Temperature	Avg.Humidity	Rainfall	pf
30	18	51	0	45
33	22	51	0	45
38	27	55	0	45
43	22	64	0	45
44	29	65	26	45
42	30	74	74	45
35	27	81	35	45
33	25	82	17.9	45
33	25	79	11	45
32	25	77	0	45
33	24	56	0	45
29	18	56	0	45

Results

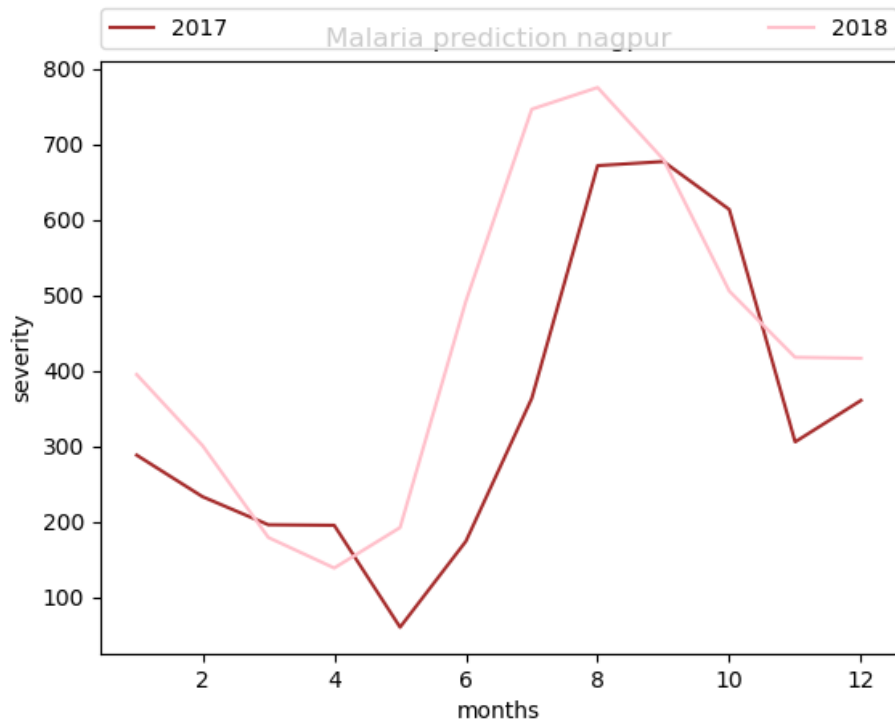|	mumbai	pune	nagpur
1	322.643	288.334	395.051
2	304.439	233.288	300.992
3	260.123	196.091	179.245
4	279.905	195.405	138.827
5	358.464	60.4451	192.412
6	595.466	174.278	492.356
7	706.416	363.537	746.478

Epidemic prediction
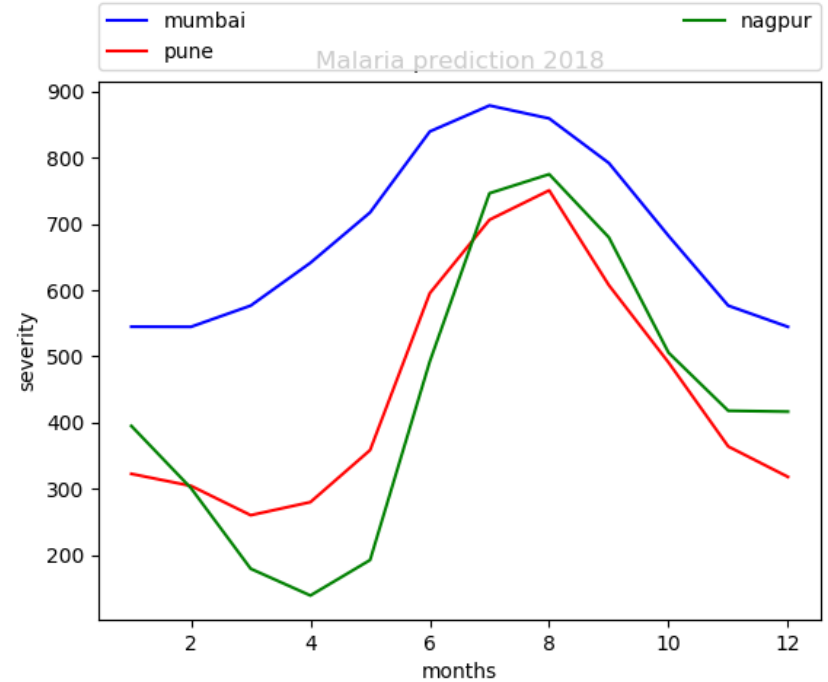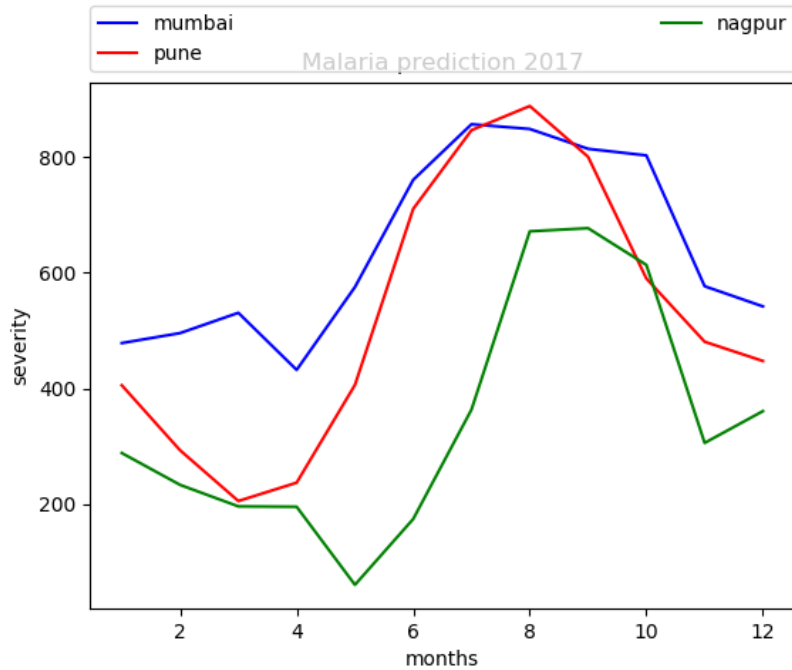
Alert broadcasting
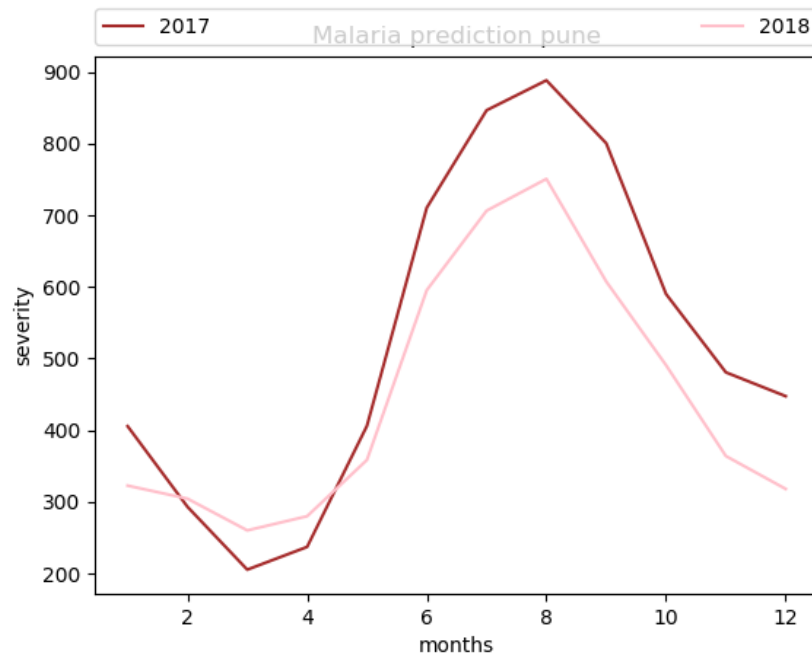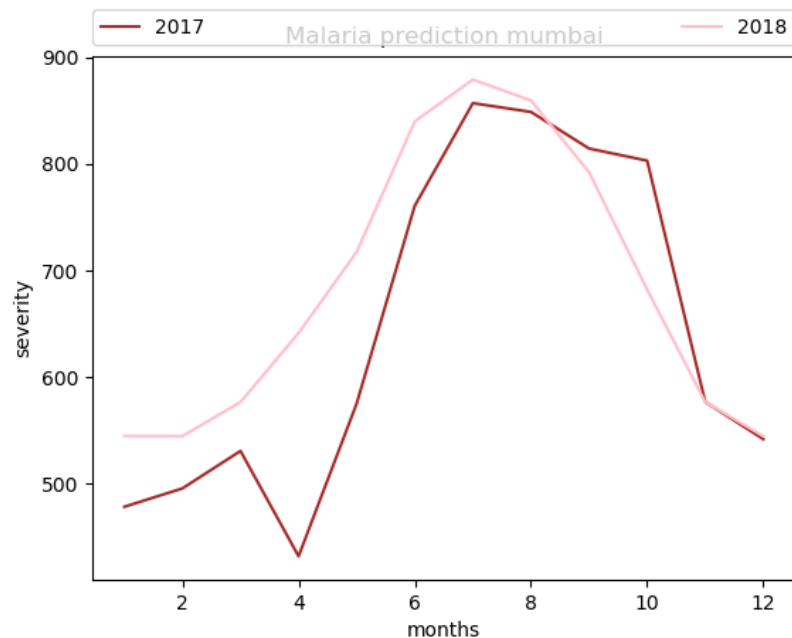
Alert broadcasting

Benefits

- Notification of disease outbreak
- Hospitals can stock medicines beforehand
- Prediction of severity
- Show statistics to users
- Crowd sourcing model for data

Future Objectives ?

Prevention is better than cure Your One stop to fight diseases

Data authenticity check

Multi-lingual support for everyone