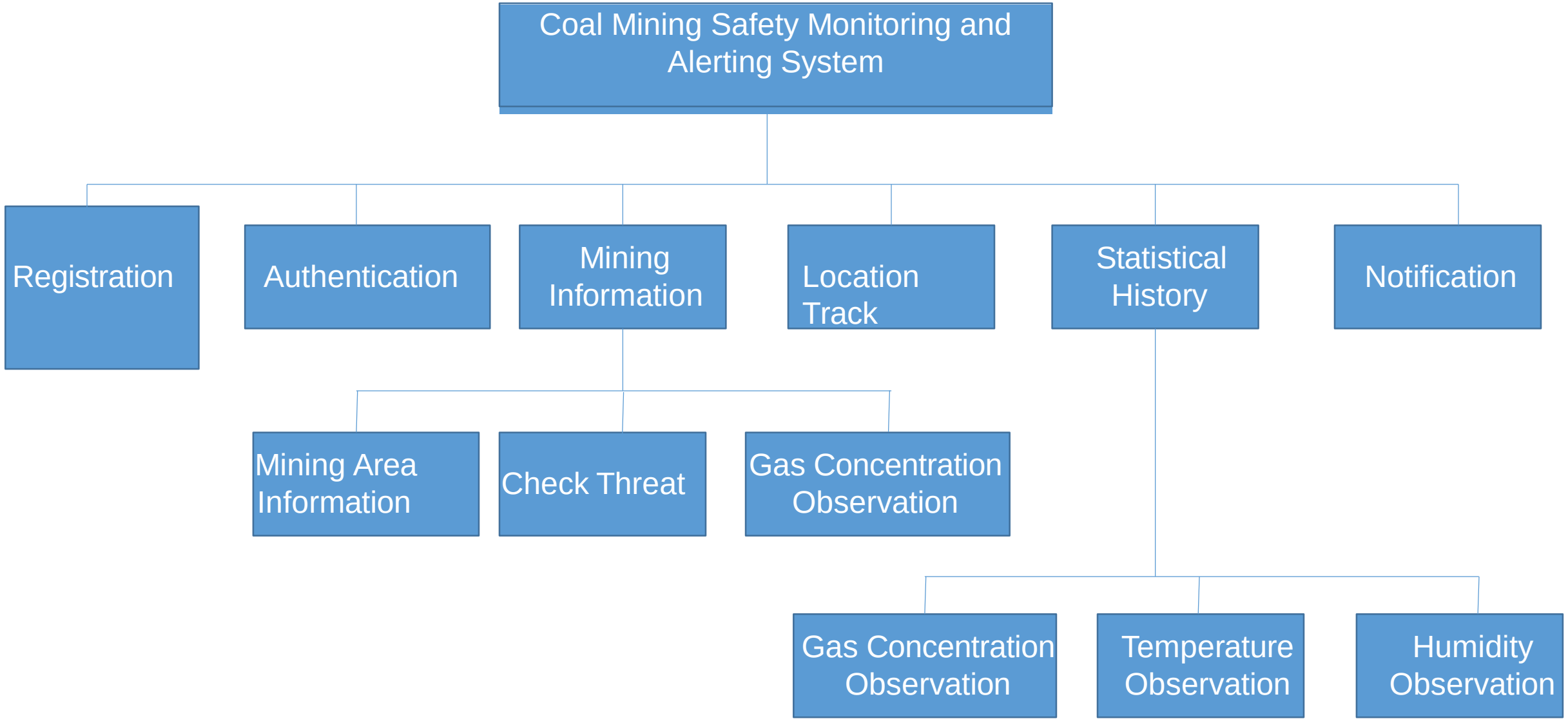
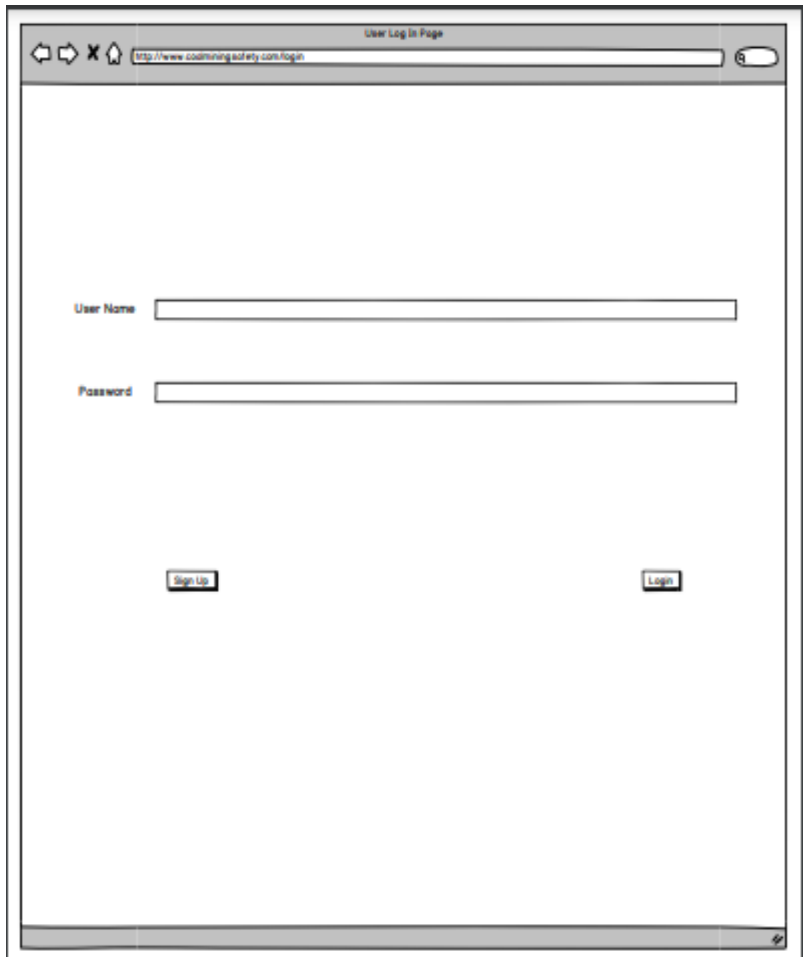
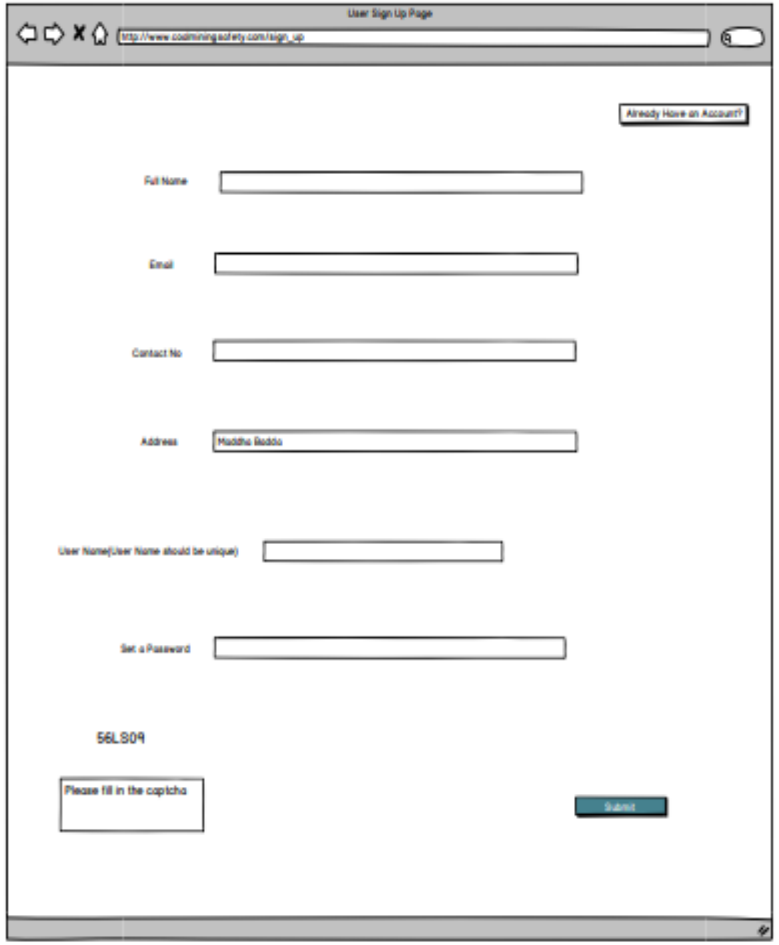
HIPO Chart

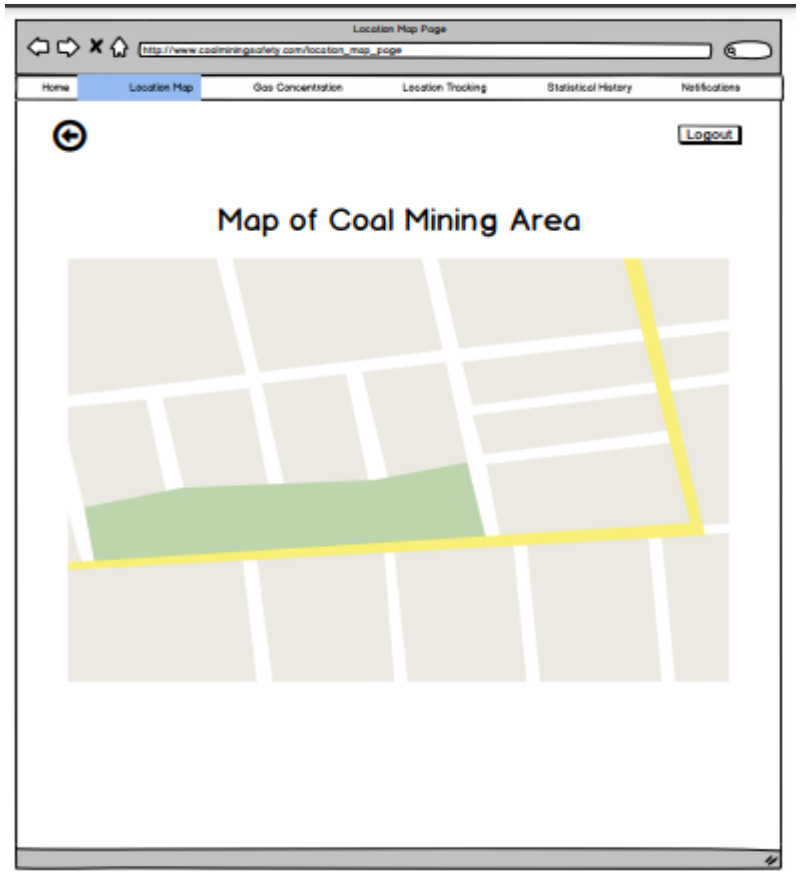

Coal Mining Safety Monitoring and Alerting System
Registration
Authentication
Mining Information
Location Track
Statistical History
Notification
Mining Area Information
Check Threat
Gas Concentration Observation
Gas Concentration Observation
Temperature Observation
Humidity Observation

Snapshots of UI:



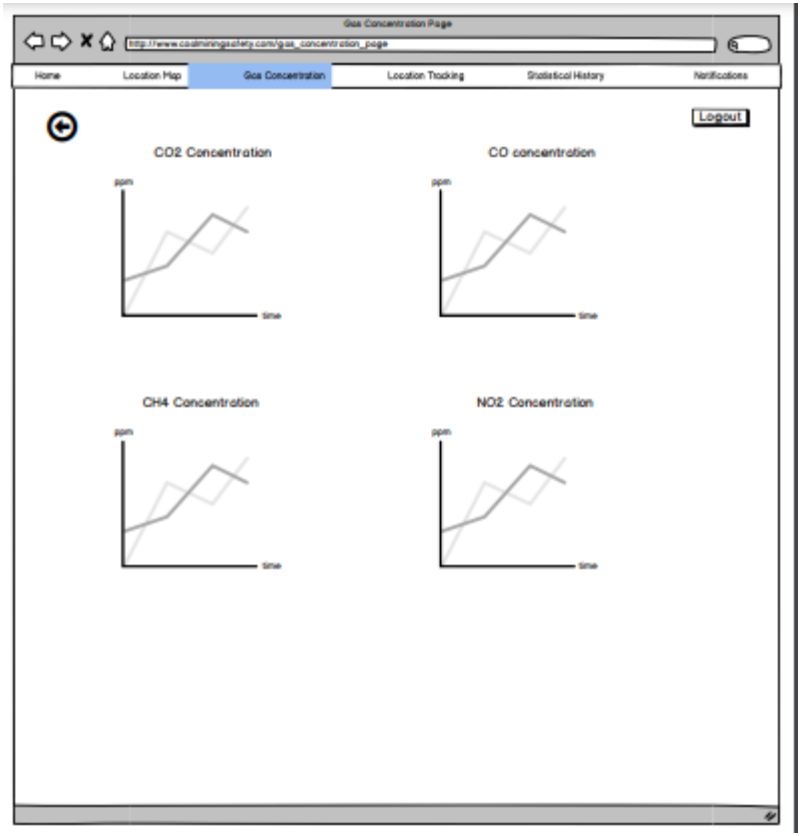


Log in and Account information

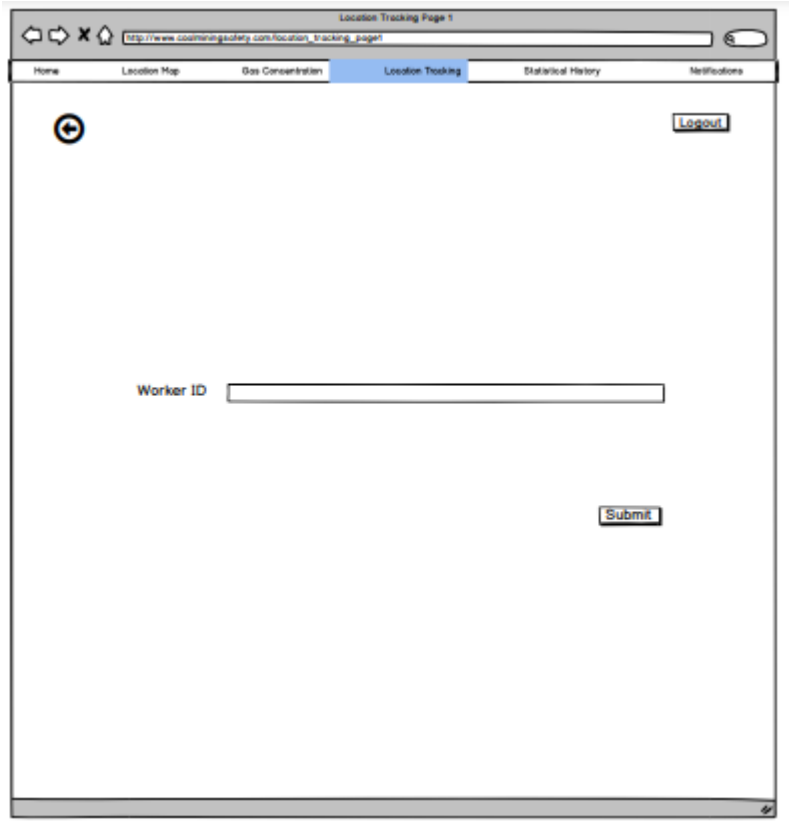


Map

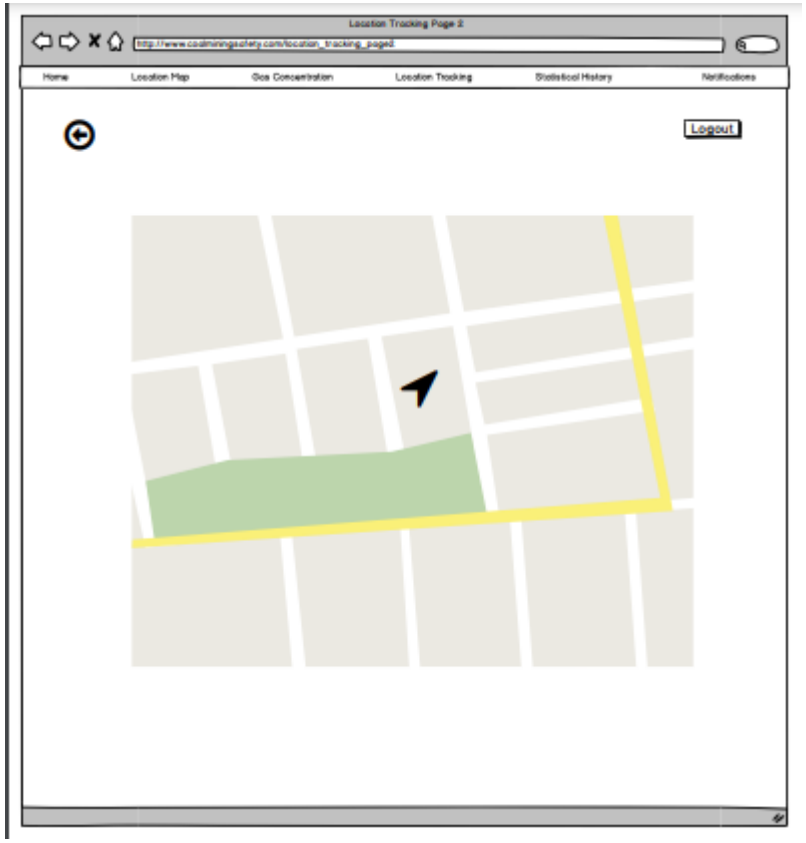
Homepage



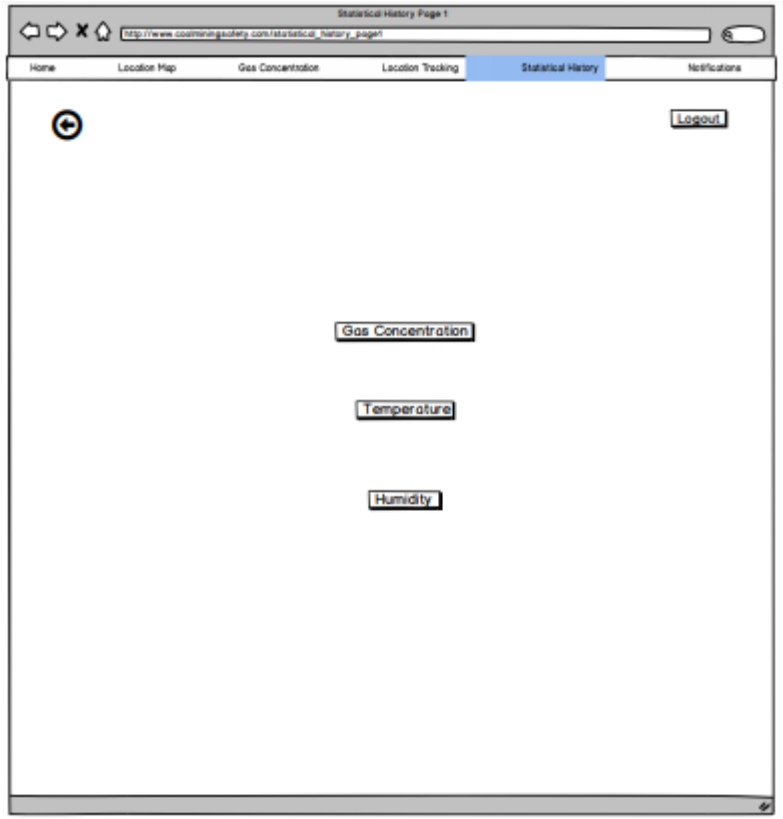
Gas State



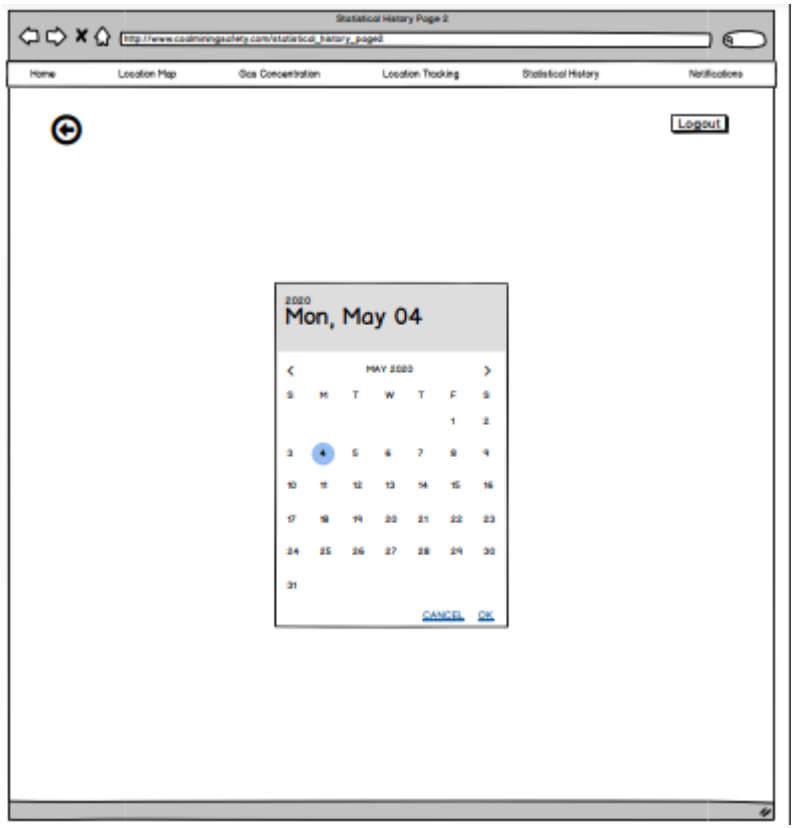
Worker Tracking



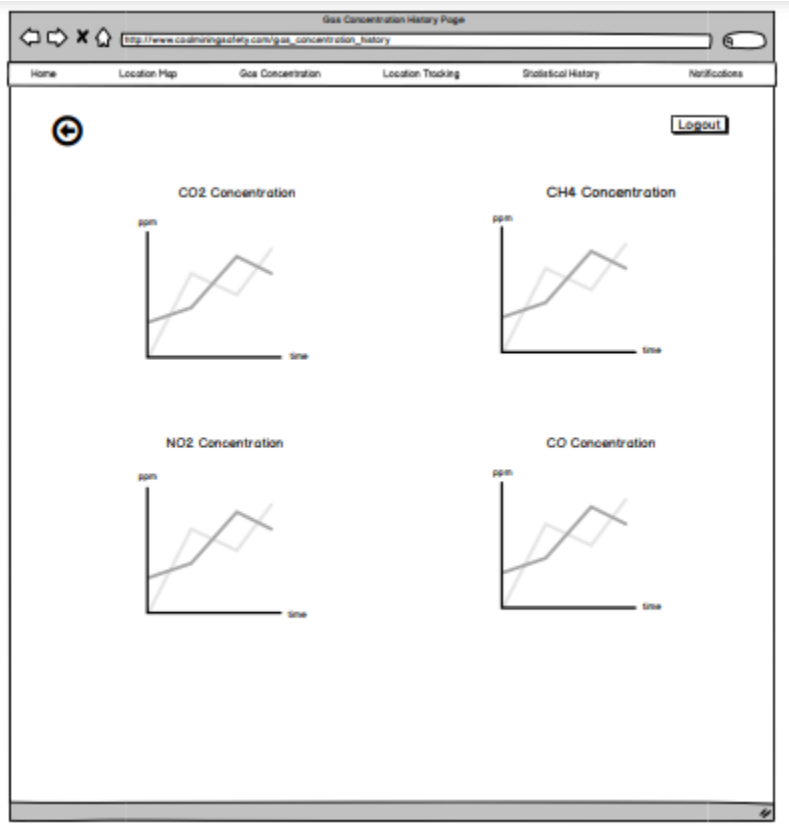
Worker Location



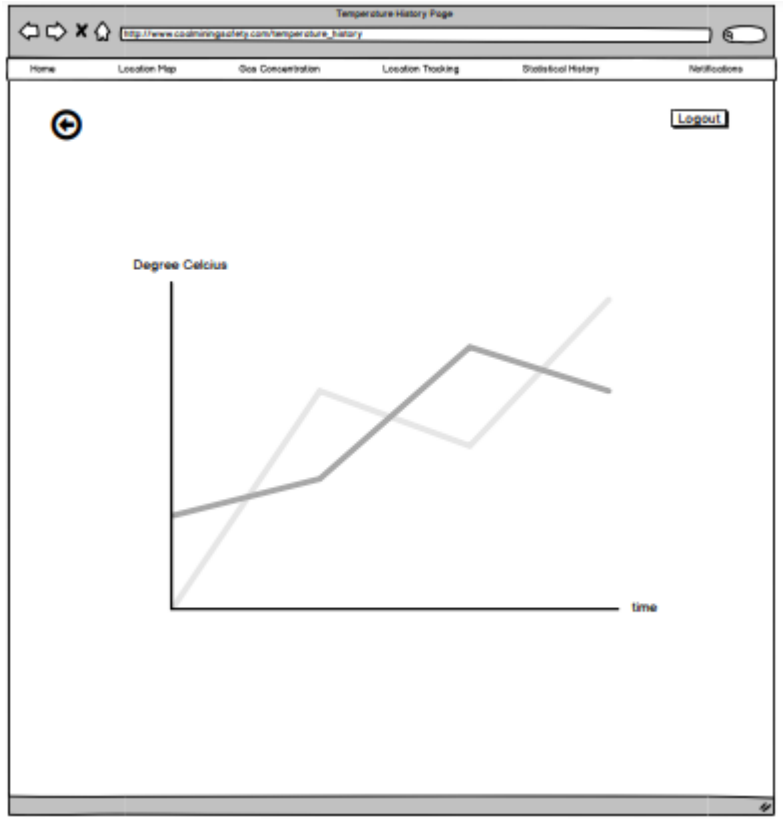
History of Location



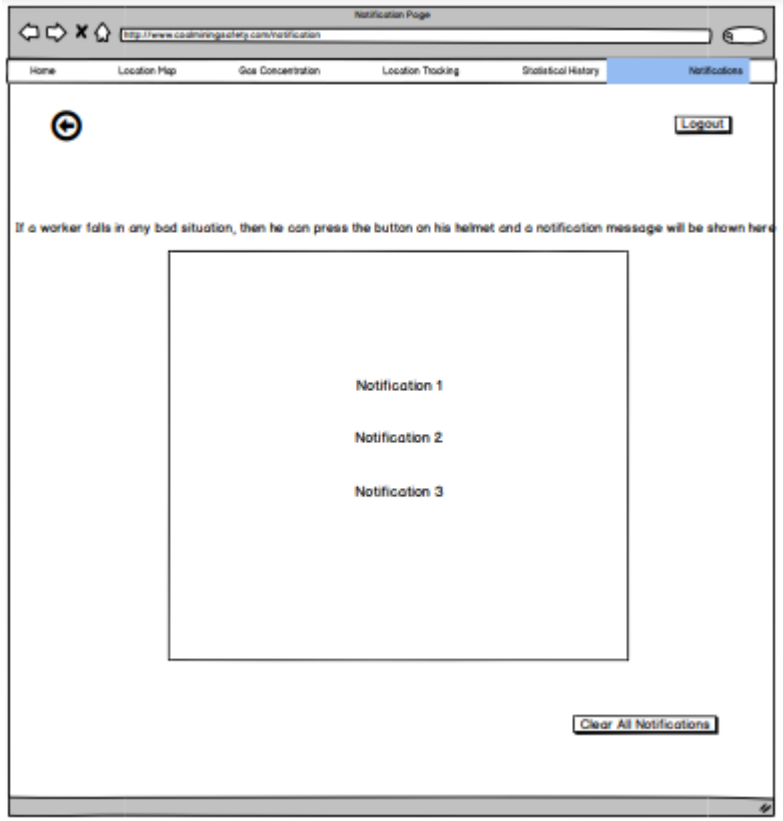
Accident History



State History

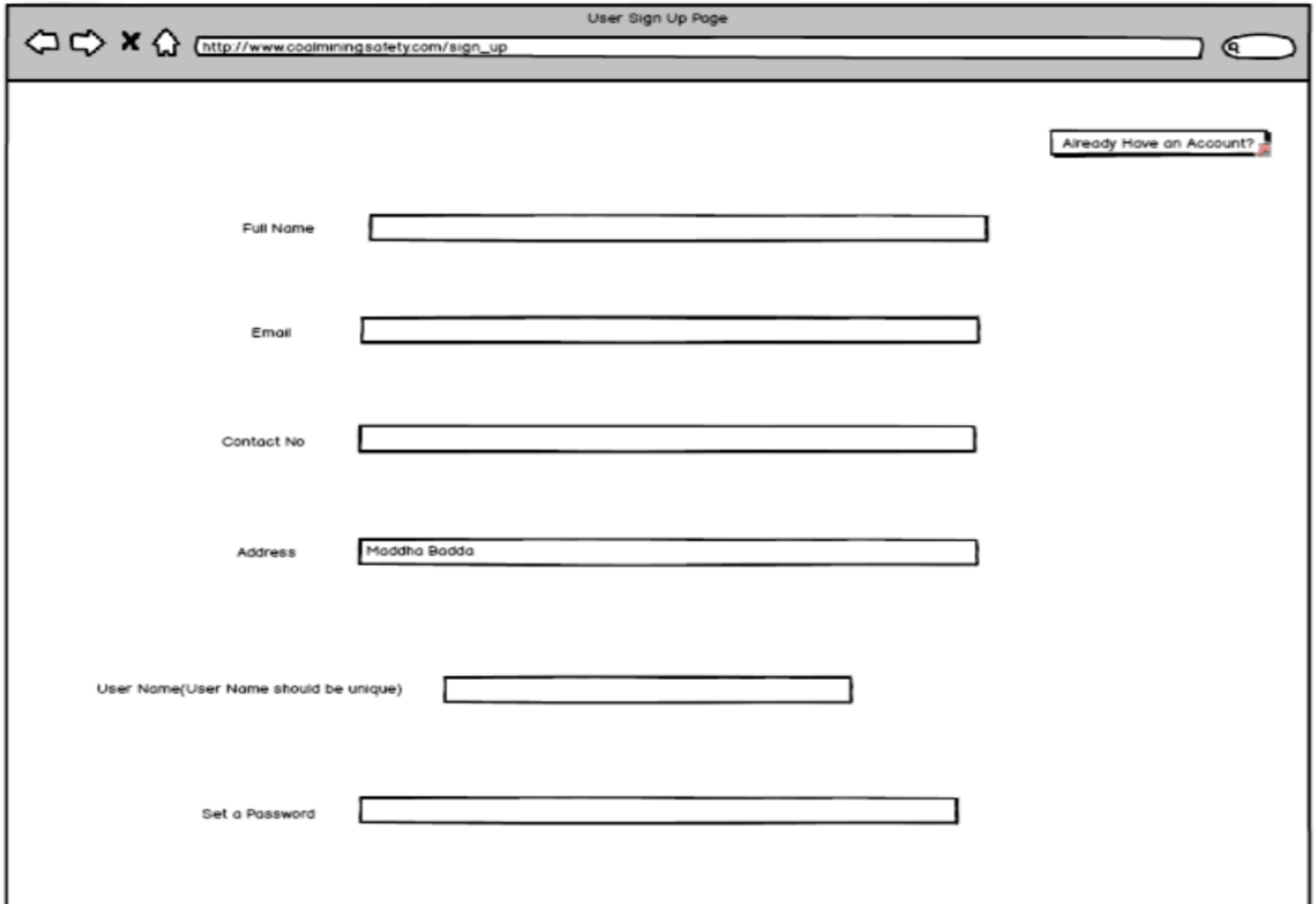


State in percentage



Notification

Heuristic Evaluation from Opposite Group



Heuristic Evaluation from Opposite Group

Problem No.	Problem	No. of violated heuristics	Severity Score
1	The input bars are not properly aligned.	H1	2

H1 = Visibility of system status

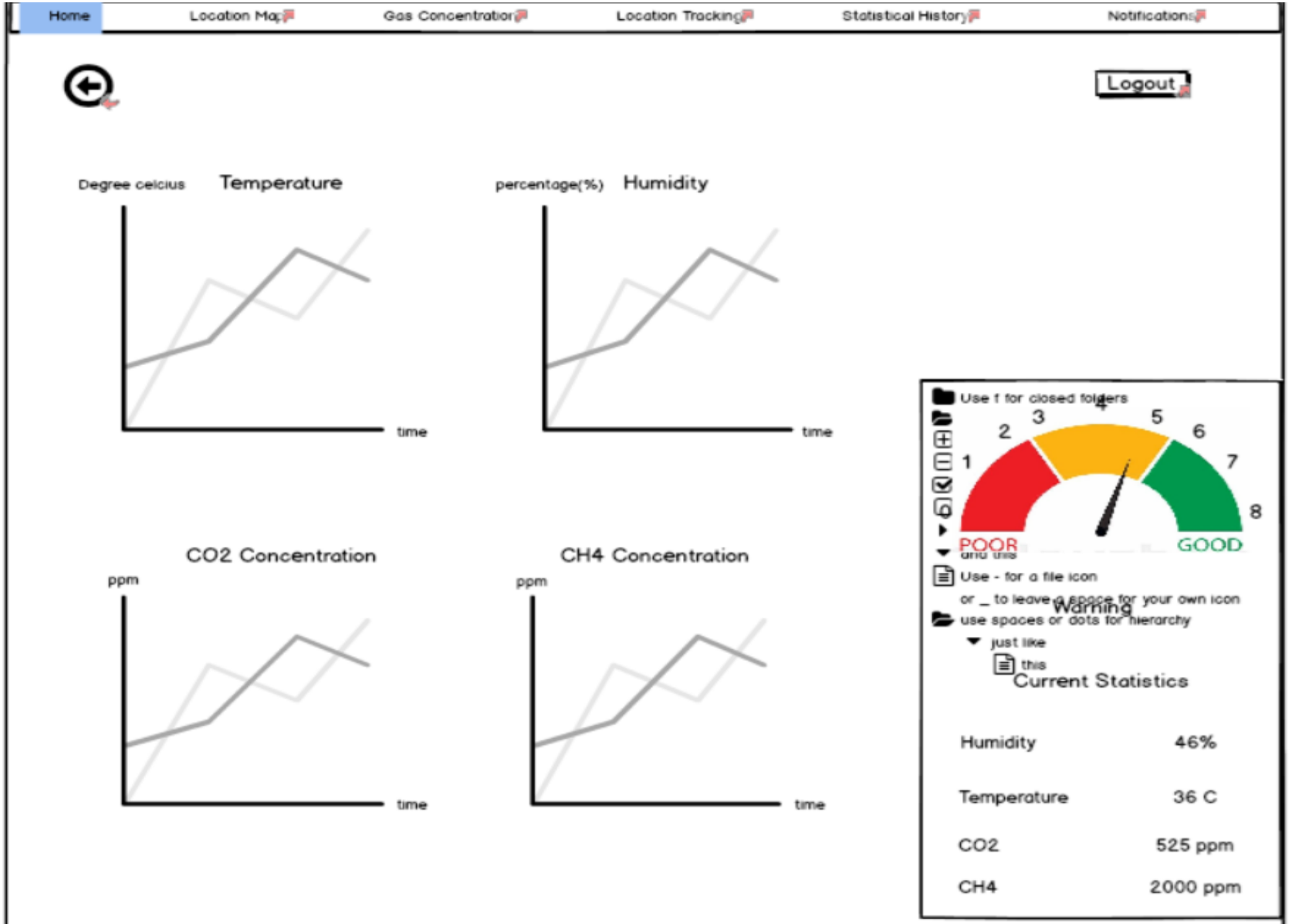
Heuristic Evaluation from Opposite Group

Heuristic Evaluation from Opposite Group

Problem No.	Problem	No. of violated heuristics	Severity Score
2	The design of the website is not user friendly.	H4	2

H4 = Consistency and standards

Heuristic Evaluation from Opposite Group



Heuristic Evaluation from Opposite Group

Problem No.	Problem	No. of violated heuristics	Severity Score
3	The visual chart seems very hard to understand and the text of the chart overlaps.	H8	3

H8 = Aesthetic and minimalist design