**IOT Dashboard**

Dashboard will have cpanel login specific to each client. Each client will have multiple production lines displayed on the home screen. As per chat, the admin can add sensors, data etc. It shows real time & date.

**The formula’s and displays required:**

1. Display production line name: Eg: Line 1 (edited by user)
2. Product Name: (edited by user)
3. Display running (green) Line Stopped (red)
4. Shift Start Time:
5. Shift Duration: timer
6. Shift Downtime: (minutes) also display as % of total shift duration
7. Units Per Minute (calculated per minute)
8. Target Today: (edited by user)
9. Progress Chart: Showing on target, not on target, progress bar. Showing total units produced currently.
10. OEE chart (traffic light %)
11. Line Performance Each Day: Showing bar chart for each day Monday – Sunday of the past week.
12. Box to display name of line: eg: Pouch Line / Line 1 (edited by user)
13. Box to display name of product: eg: Chocolate Biscuit (edited by user)
14. Running in green or Line Stopped in red. (Green if photo electric sensor at beginning of line is activated consistently for 15 seconds. Red if photo electric sensor is not activated during 60 second period.
15. As soon as sensor is activated at beginning of day.
16. Timer set once shift starts
17. Number of minutes there is downtime / no activation of photo sensors beginning & end of line. (% downtime formula is number of minutes / total shift time)
18. Units per minute calculation box (calculated each minute) shows graph of units per minute per minute / per hour
19. Target Today (Set / edited by user)
20. Progress Chart (ON TARGET / NOT ON TARGET) Progress Bar showing 0 – 100% (based on user setting target). Showing total units produced currently.
21. OEE Chart (circle – performance, availability, quality)
22. Displays total values of each line each day by total units.
23. Client can print report / PDF for each line or total lines for each day.