Creating the New Face of Buildertrend

EE/CprE/SE 492 Bi-Weekly Report 6

3/29/21-4/12/21

sdmay21-21

Faculty Advisor: Md Maruf Ahamed

Hana Franck: Meeting Scribe

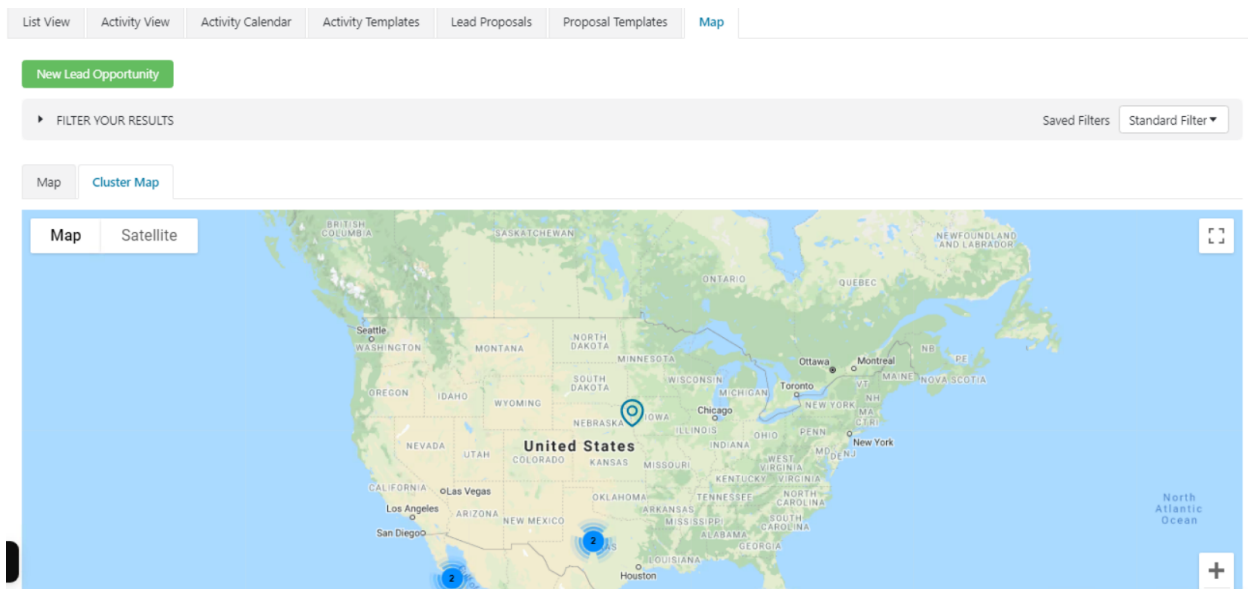Catherine "Kay" Samatas: Meeting Facilitator

Aashary Mehta: Team Leader

Mohamed AlMansoori :Test Engineer

Kyle Weinert : Design Engineer
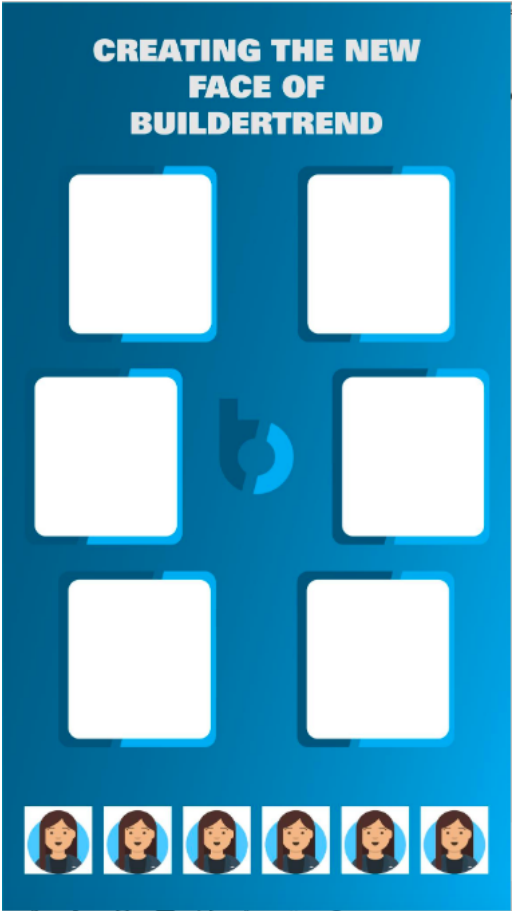
Saoud Alkaabi: Report Manager

Summary of Progress in this Period

During this period, we have continued to implement the lead map components. We successfully implemented both the lead map and cluster map. We faced some challenges with fixing the main components' layout to make it similar to the requirement. We had to change the lead map template from list to grid to fix the layout. We are now working on updating the component to fetch the data from the back-end API. Below is a screenshot of the cluster map component implemented.

Catherine and Hana reformatted report details to use chart based React components instead of having a new component for each report. The new components were implemented using Highcharts and each component corresponds to a different type of chart. The types of charts include bar chart, stacked barchart, tiered barchart, and bullet chart. This decision was made to consolidate code into one location making it easier for the client to understand and to make it easier to add new reports in the future.

Aash created a template for our poster, which is shown below.

Pending Issues

N/A

Individually contribution

Name	Hours This week	Cumulative hours
Hana Franck	2 hours - updating design document 3 hours - reformatting report details 1 hour - gathering poster details 1 hour - gathering API call information for lead map	6 hours
Aashary Mehta	2 hours - meeting with team 1 hours - meeting with BT 3 hours - making poster template 3 hours - working with kyle on cluster map	9 hours
Mohamed AlMansoori	2 hours - resolving cluster map issue with loading data 2 hours - trying to load the cluster map using mapTab component 2 hours - migrating our lead map from list template to grid template. (new requirement by BT) 2 hours - meeting with team + meeting with BT	8 hours
Kyle Weinert	2 hours - cluster map 3 hours - attempted to add list to map tab 2 hours - meetings to discuss final coding plans 6 hours - new template for leadmap, transitioning from old template, working on api	13 hours
Catherine "Kay" Samatas	3 hours - reformatting report details 2 hours - design document 1 hour - poster	5 hours
Saoud Alkaabi	2 hours - attempted to add list to map tab 2 hours - resolving cluster map issue with loading data	8 hours

	2 hours - migrating our lead map from list template to grid template. (new requirement by BT) 2 hours - meeting with team + meeting with BT	

Plans for upcoming weeks:

- Implementing what's left from lead map
    - New lead opportunity button
- Work on the Final Report and Poster
- Update Website