

Title: Initial Design 2 Author: Rahul Saxena Date: 26/09/24 Sheet: 3 Task: Data Vis for Ocean Acidi fiction Operations the time filter allows the user to change time across time series, heatmap and diverging The bin map allows

Zooming into the dataset complexity permitted. The animation can be paused and started.

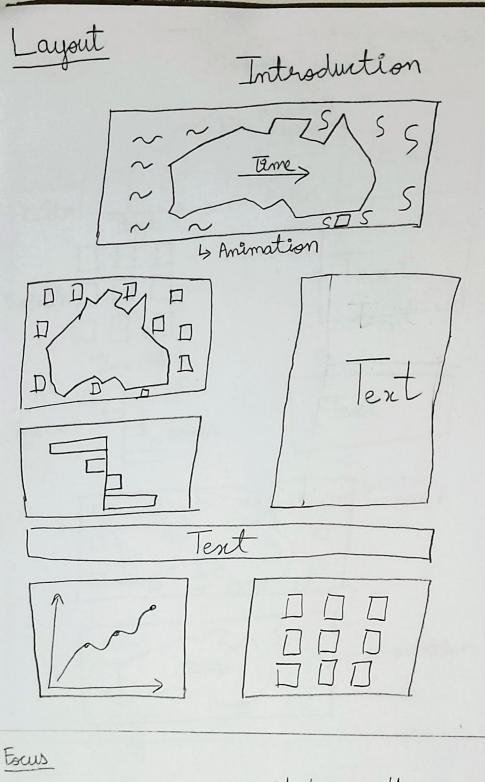
The bin/dot map will be zoomable allowing the use control over what area to focus The animation will display the change of PH over time to provide the wer with intintine charge.

## Discussion

· Pro:

· The layout is well balanced.
· Variables reflect on charts.
· Can : across
· Cannot compare variables side by side

the centerpeece



Title: Initial Design 3

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Sheet: 4

Task: Ocean Acidification
Operations

he bin/dot map will be Zoomoble which gives the user greater control over the area being used.

The divergent map might have further control over the the map and the divergent bar.

Discussion

Pro:

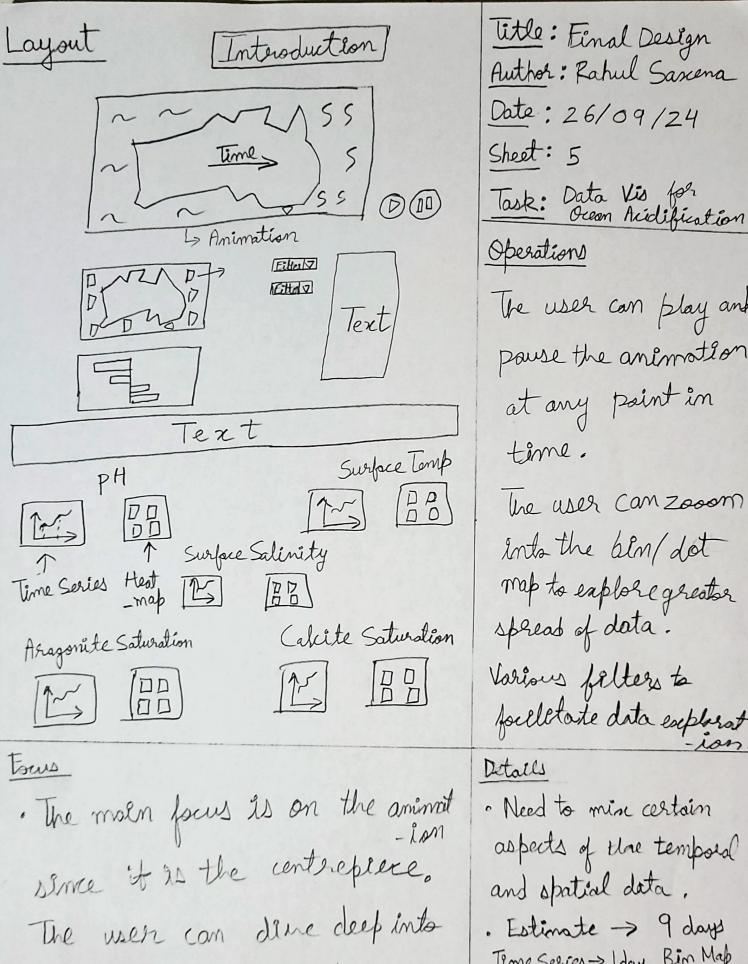
Pro:

- · Animotion is conterprece
- · Well Balances Column layout

- · Campt compore vorables side by side
- · Long wall of Vertical

· Most of the focus should be on the animation as that will be visually appealing for the user.

. The irrelusion of divergent scale con be used for 2nd map and divergent bar whereas anamotion will show pute pH values



volvious factors, these changes and effects on the occidification of the

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The user can play and pause the animotion at any point in time.

the user can zoom into the blm/dot map to explore greater spread of data.

Various felters to foelletate data explorat-ion.

· Need to mine certain aspects of the temporal and spatial data.

. Estimate → 9 days Bin Map Time Series > I day 6 2 days Heatmap -> I day Animation Dinerging bor -> I day L> 4 days