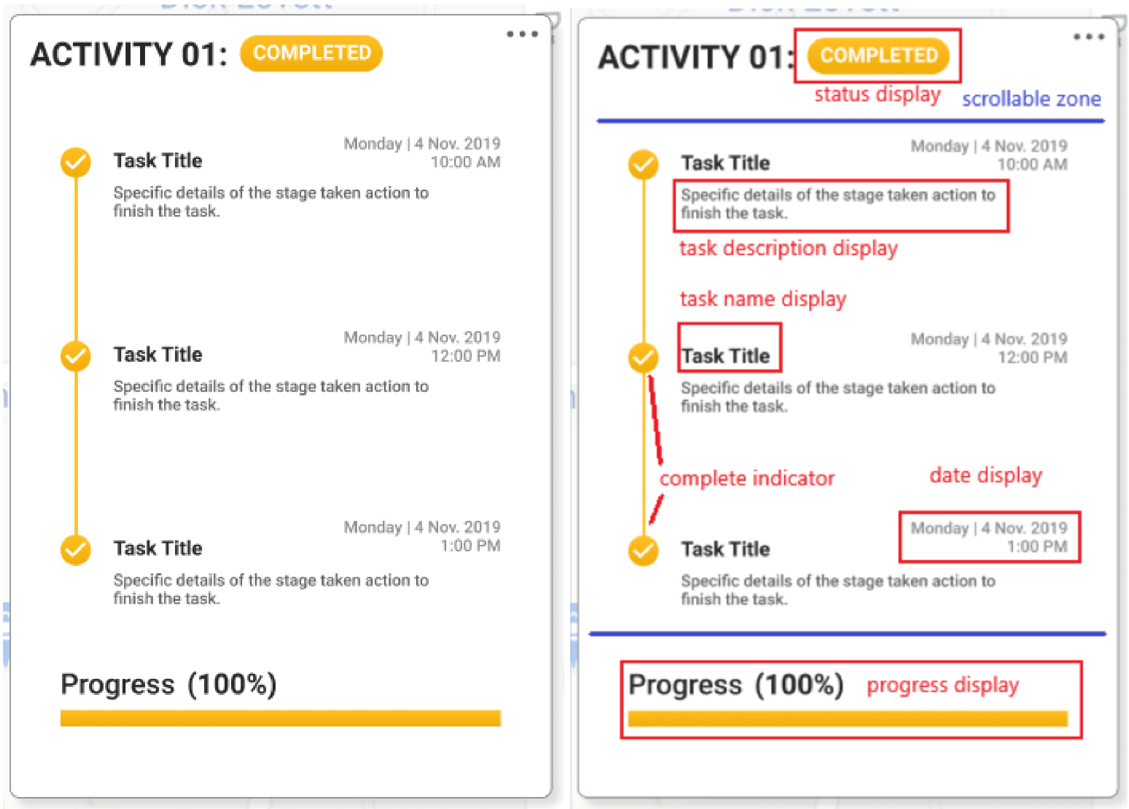
The Carto Group

**The main objective of this task is to replicate the User Interface (UI) snippet presented below.**



ACTIVITY 01: COMPLETED

Task Title
Monday | 4 Nov. 2019
10:00 AM
Specific details of the stage taken action to finish the task.

Task Title
Monday | 4 Nov. 2019
12:00 PM
Specific details of the stage taken action to finish the task.

Task Title
Monday | 4 Nov. 2019
1:00 PM
Specific details of the stage taken action to finish the task.

Progress (100%)

This left snippet is a cut out of a much larger user interface although the task itself is to only replicate this specific part. The right snippet is just a copy with some labels to aid in the explanation of the exercise. The rounded grey border is to be included in the replication although the background can be left as a solid colour.

The data that is displayed should be loaded from the json in the text file provided at runtime. Further notes on how the data should be used is as follows:

- The **status display** should be marked as COMPLETED if all tasks are complete, as NOT STARTED if all tasks are not complete and as IN PROGRESS otherwise.
- The **progress display** should be calculated as a percentage of the complete status of all tasks with the yellow bar width fill matching that percent.
- The **complete indicator** should be an empty outline if the corresponding task is not complete or a filled tick if is complete
- The **date display** should show the full date including day of week and should show the time as 12 hours with AM/PM
- The **task name display** should always be on one line, ellipsis will be needed if the text does not fit
- The **task description display** should never use an ellipsis.

The data should be loaded from the file asynchronously (Even if that is just a fraction of a second) and in the meantime the box should contain nothing but a loading indicator e.g. the words loading… or a spinner. You may want to put a minimum wait time on the loading so that it does not appear to flicker and instantly load.

The snippet has a minimum width of 266 pixels and minimum height of 384 pixels. The json file provided should have five tasks that should not fit normally within these bounds so the tasks should be scrollable vertically within the blue lines as seen in the noted snippet so that **progress display** and **status display** can always be seen.

There is no requirement for any interactive functionality such as button clicks.

We require the solution to be written with React or Vue or Angular (With a preference for React) using Node.js. You may use additional libraries in the implementation e.g. Redux, MaterialUI.

Additional information:

- Font Family: Roboto
- Primary Colour: `#FFBE22`
- Text Colour: `#272727`

When you have completed the challenge, you should send the solution back to us in a .zip file. We should be able to view the replicated interface on a local browser by running **`npm start`** from the root of the solution.

We would hope to get a submission back from you within, say, 24 to 48 hours. Please let us know in advance if that will be an issue. If any of the above is not 100% clear then please feel free to ask and I'll clarify.