

## Analytic Number and Deductive Reasoning with Educated Analysis

- Create an initial draft / sketch of the final design
- Create a short 1 page proposal listing out each of the following
  - Project Title
  - Team Members
  - Project Description
  - Sketch of Final Product
  - APIs to be Used
  - Rough Breakdown of Tasks

### Project Requirements:

- Must use at least two APIs - **Wave Apps, Google Charts**
- Must use AJAX to pull data - **See Above**
- Must utilize at least one new library or technology that we haven't discussed
  - **3d - threejs.org - something basic**
- Must have a polished frontend / UI
- Must meet good quality coding standards (indentation, scoping, naming)
- Must NOT use alerts, confirms, or prompts (look into modals!)
- Must have some sort of repeating element (table, columns, etc)
- Must use Bootstrap or Alternative CSS Framework
  - **Materialize**
- Must be Deployed (GitHub Pages or Firebase)
- Must have User Input Validation & Authentication
- Mobile Responsive - **Yes**
- Firebase - **Yes**

### Day One Deliverables:

- Create an initial draft / sketch of the final design
- Create a short 1 page proposal listing out each of the following
  - Project Title - **Sales tracker**
  - Team Members - **Dan, Jennifer, William**
  - Project Description - **Allows developers to track time spent on certain projects for each client**
  - Sketch of Final Product
  - APIs to be Used
    - **WaveApps**
    - **Google Charts**
  - Rough Breakdown of Tasks
    - **Dan - PM / API Integration**
    - **Jennifer - Front End / UI / UX**
    - **William - Backend / Database**

Sketches - Preferably your own wireframes using Balsamiq, Wireframe cc, or InDesign.  
Login Screen:

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## Dashboard Sample

Projects

Home > Projects

+ Add New Project

Projects List

PDF Excel

Please select date range.

From Date:  To Date:

Records:

Search:

Project ID	Project Name	Project Added Date	Start Date	End Date	Total Time	Status	Action
1	Google API Development	16 Aug 2016	16 Aug 2016	Runing	17 Hours 46 Minutes	Open	Edit
2	Amazone.com Designing fixes	16 Aug 2016	16 Aug 2016	20 Aug 2016	21 Hours 45 Minutes	Close	Edit

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