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Features to implement in the Next Sprint:

- As a user, I want to see what the most popular category for Kickstarter projects is for each month.
- As a user, I want to see what is the most popular month to launch a Kickstarter.
- As a user, I want to see what category is historically the most likely to fail.
- As a user, I want to see what category gets the most funding.
- As a user, I would like to see the average length of a kickstarter campaign.

User Test Cases:

- Searching for the most popular category by month should only display values for months that have data.
- Searching for the most popular month to launch a Kickstarter should return data for each existing year.
- As most of our analytics are straightforward, ensure that the analytics return correct values compared to manual investigation of the database.
- Test to see if a graph is returned representing the categories most likely to fail
- Test to see if each of the most popular categories add up to the total length of the project list.
- Searching for the most funded category should return data for each existing year.

UI Mockups:

Search Add Delete Update Backup Analytics	
most popular category each month	view
most popular month to launch a Kickstarter campaign	view
category that is most likely to fail	view
categories that get the most funding	view
average length of a kickstarter campaign	view
most ambitious project each month	view
most successful words in campaign titles	view
most popular category for each country	view

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Tasks completed from Last Sprint:

- ❖ Upload backup .json file
 - [Completed by Robert and Shawn. Verified by everyone.]
- ❖ Implementation of HTML for Add, Delete, Backup, Import
 - [Completed by Robert. Verified by everyone.]
- ❖ Implementation of Add protocol
 - [Completed by Shinjin. Verified by everyone.]
- ❖ Implementation of Delete protocol
 - [Completed by Shawn. Verified by everyone.]
- ❖ Implementation of Update protocol
 - [Completed by Joseph. Verified by everyone.]
- ❖ Implementation of Backup protocol
 - [Completed by Robert and Joseph. Verified by everyone.]
- ❖ Implementation of Import protocol
 - [Completed by Robert and Joseph. Verified by everyone.]
- ❖ Fixed Parser bugs
 - [Completed by Shawn. Verified by everyone.]
- ❖ Improve documentation on new and existing code
 - [Completed by everyone.]
- ❖ Merger Branch creation and conflict resolution

- [Completed by Robert. Verified by everyone.]
- ❖ List Features to be completed on Artifact
 - [Completed by Shawn and Shinjin. Verified by everyone.]
- ❖ List Test Cases on Artifact
 - [Completed by Shawn and Apar. Verified by everyone.]
- ❖ Create UI Mockups on Artifact
 - [Completed by Shinjin. Verified by everyone.]
- ❖ Complete Taskboard on Artifact
 - [Completed by Shawn. Verified by everyone.]

Tasks to be completed in the Next Sprint:

- ❖ Implementation of Analytic: Most Popular Category by Month
 - Acceptance criteria: Upon clicking this analytic, the user can view a table containing the most popular category across each month. If possible, make the results into a graphic.
- ❖ Implementation of Analytic: Most Popular Month to Launch a Kickstarter
 - Acceptance criteria: Upon clicking this analytic, the user can view a graphic containing the most popular month across each year.
- ❖ Implementation of Analytic: Most Failed Category
 - Acceptance criteria: Upon clicking this analytic, the user can view a histogram displaying the most failed category.
- ❖ Implementation of Analytic: Most Funded Category
 - Acceptance criteria: Upon clicking this analytic, the user will see a bar graph with the x-axis consisting of years and y-axis consisting of the average funded for each year.
- ❖ Implementation of Analytic: Average Kickstarter Length
 - Acceptance criteria: Upon clicking this analytic, the user will see a graphic containing data points for each project, revealing the average.