**Project 1 Information** – Due Tuesday, October 1st

**Branching on Git Bash**

Create: “git checkout -b *BRANCH-NAME*”

Switch Branches: “git branch”

Upload Branch: “git push origin *BRANCH-NAME*”

**Review and Accept Changes on GitHub:**

1. Click Pull request tab
2. Click a pull request name
3. Click the files changed tab
4. Click green review changes button
5. Add in a comment and approve (if code works and looks good)
6. Click green merge pull request

**Requirements:**

* Two APIs
* AJAX
* One new library or technology
* Polished frontend/UI
* Indentation, scoping, naming = high quality
* NO alerts, confirms or prompts. Use modals.
* Table, columns or some other repeating element
* Bootstrap or some alternative CSS Framework
* Deploy on GitHub or Firebase
* User Input Validation

**The Hitchhikers Travel App**

The Hitchhikers: Will Altherr, Kevin McCarthy, Marc Conwell, Tianna Mosby

Ever tried planning a trip and realized how many aspects should be taken into consideration? What should you do? When should you leave? Why is this location special? The Hitchhikers Travel app will provide the user with information necessary for their next trip. The user will simply enter their preferred destination and date and will be able to look at:

* + Best routes based on traffic (<https://developers.google.com/maps/documentation/)>
  + General history of area (<https://rapidapi.com/UnFound/api/relevant-wikipedia-pages>)
  + Weather (<https://rapidapi.com/community/api/open-weather-map>)
  + Best flights/hotels/prices (<https://rapidapi.com/apidojo/api/kajak>)
  + Crime data (<https://crime-data-explorer.fr.cloud.gov/api>)

This app is helpful because instead of browsing multiple sites and collecting data themselves, users will have the data laid out for them on one page to help enhance and streamline the destination decision-making process. The app is created using HTML, CSS, Bootstrap, jQuery, AJAX and NEW TECHNOLOGY.

**Tasks:**

* Create HTML page using Bootstrap and CSS for layout and styling
  + Header
  + Search bar
  + Dates bar
  + Divs
  + Table
  + Footer
* Create AJAX calls in JS
  + Traffic (Marc)
  + Wiki info (Will)
  + Weather (Kevin)
  + Flight/Hotel price (All) -> add to table with more info button
  + Crime (Tianna)



***Bonus:*** *Add tabs that when clicked it scrolls to the section of information clicked.*

