Project Update Template

*Note: Use this template to organize your project updates. Replace italicized text with your own information. Add other sections if needed but do not remove any sections.*

*You must provide a ZIP file of all project files with this report. This includes everything: code, docs, resources, links to Google docs, Github, etc. – everything needed to evaluate your progress.*

**1. Project title**

*Newsletter Application -* The goal of this project is to create an application where the user is able to search for any articles on a specific subject and has the ability to choose their source. Also, the application will be able to create a newsletter type format where the user can sign up to receive emails on the most popular topics on a certain subject or the top headlines for any given country.

**2. Team members and roles**

*Name, role(s), email*

**Alexander Quinto, Analyst,** [**alexander.e.quinto@gmail.com**](mailto:alexander.e.quinto@gmail.com)

**Amir Sultan, Assistant researcher, asultan2@umd.edu  
Ethan Shaffer, Lead researcher, shafferethanv@gmail.com**

**Noble Nwokoma, Tester, nwokomanoble5@gmail.com  
Dylan Cathcart, Project manager,** ​**dylancathcart@gmail.com**

**3. Accomplishments since last report**

*What you have done since last report – bullet list of individual contributions; note if any tasks were not completed and why*

* Acquired access to API – was able to successfully use the API to gather data about news headlines and news articles (Alex, Amir)
* Figured out how to send emails through python - successfully wrote a script that sends emails to any users using Gmail (Alex)
* Implemented database to store news article information – using the API, we created a database dictionary that uses the title of the article or headline as the key and the value to that key is a list that contains the URL description and URL of the feature image to that article or headline (Alex, Ethan)
* Ability to create HTML Code through Python – using built in python libraries we were able to create HTML code that we could send inside of an email that would display the information to our user (Alex, Noble)
* Create a python method that takes the html code and using Python is able to attach it to an email message and send it to the user’s email (Alex, Ethan)

**4. Roadblocks, problems, challenges, risks, questions**

*Bullet list of any concerns at this point – current of upcoming*

- Everything is basically completed so there are not concerns moving forward

**5. Plan for the next sprint (i.e, until the next deliverable)**

*Your plan for the next sprint – bullet list of individual tasks, with tentative deadlines and assigned roles*

- fix some of the formatting in the html created to it looks more visually appealing to the user

- fix some of the code to make it look more clear