**Rubric for creative project.**

Description: social media travelling website. Users can create an account (with a password). When logged in there will be a search bar with the following filters: “continent”, “country”, and “population”; users can decide to filter by 0, 1, 2, or 3 filters and will be shown a random city (from a database with 8000+ cities). They will be showed the city, continent, population, latitude, and longitude of the city. They can then go on to look for flights to that city; if they choose to do so they must choose a departure date and the airport they are departing from. They will then be forwarded to a flight search engine: <https://www.studentuniverse.com/> with the parameters they gave. They then have the option to “share” their trip or findings on the main page or feed of the website.

**Rubric:**

* **Turning in this rubric (5 points)**
* **Best practices (5 points)**
  + Information, especially passwords are stored securely (hashed and salted) (3 points)
  + Node modules are ignored by VS (2 points)
* **Learning and implementing new frameworks (20 points)**
  + Use Node.js with Cheerio (and forever to keep server running) to create a script or function which scrapes the closest airport to that city from <https://www.travelmath.com/nearest-airport/> (10 points)
  + React is used for the front-end (10 points)
* **Functionality (50 points):**
  + Users are able to register and must have a password (10 points)
  + Users can intuitively filter desired location by country, continent, and population (10 points)
  + All users have access to a central feed where they can view all shared flights (4 points)
  + Given filters a random city is displayed to the user (4 points)
  + If users wish to look for flights, they are then prompted for flight dates, and the airport from which they want to fly out of (6 points)
  + Users are correctly forwarded to the search engine (<https://www.studentuniverse.com/>) with the appropriate location and dates when looking for their own trip or from any trip posted on the feed. (10 points)
  + Users can share their findings; flight found (YES/NO), and price (6 points)
* **Creative portion (20 points)**

**Approved by Bradford Orr**