

| Category | Weight | Scoring | Requirements |
|---|--------|---------|---|
| Requirements— Launch a Plane | 5 | 0-2.5 | <p>2 points: Takes a user and country and launches a plane. Stores it in the database.</p> <p>2.5 points: Allow Plane to send custom message as well.</p> |
| Requirements— Check valid country for Plane | 5 | 0-2.5 | <p>2 points: Download a file of country names from GitHub using a request and load into a dictionary to verify if the user's country is valid.</p> <p>2.5 points: Allow different acronyms and common uses of country names (example, USA and United States).</p> |
| Requirements— Catch a Plane | 5 | 0-2.5 | <p>2 points: Catch a random plane from the database.</p> <p>2.5 points: Prevent the same user from getting the same plane again and again.</p> |
| Requirements— Integrate Planes with database | 5 | 0-2.5 | <p>2 points: Store all the planes in a database and allow same user to add more than one plane. Retrieve planes from the database when needed to catch.</p> <p>2.5 points: Maintain the database over time to accumulate planes.</p> |
| Testing— API Testing | 4 | 0-2 | <p>1 point: Covers basic cases for all the APIs along with 80% code coverage.</p> <p>2 points: Covers edge cases and ensures invalid queries and data also receive a response.</p> |