**PROJECT SPECIFICATION**

**Engineering Full Stack Apps in the Cloud**

# Engineering Process and Quality

| CRITERIA | MEETS SPECIFICATIONS |
| --- | --- |
| The project demonstrates an understanding of a good cloud git process | All project code is stored in a GitHub repository and this link has been submitted for review.  [**https://github.com/mdelcamino/caa-cloud-developer.git**](https://github.com/mdelcamino/caa-cloud-developer.git)  **Cloned from the Udacity repo.**  There are at least two branches - one for development (dev, development) and one master.  Master contains the most up-to-date, stable code at the time of submission. |
| The project demonstrates an ability to use typescript and Nodejs | Any variables use typescript typing wherever possible, variable and function names are clear, endpoints are logically named. Good coding practices are followed. |

# Development Server

| CRITERIA | MEETS SPECIFICATIONS |
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| The project demonstrates the ability to develop using the NodeJS framework | Starting the server with npm run dev runs a local instance of the server with no errors |
|  | |
| The project demonstrates an understanding of RESTFUL design | The stubbed @TODO1 endpoint in src/server.ts is completed and accepts valid requests including: [http://localhost:{{PORT}}/filteredimage?image\_url=https://upload.wikimedia.org/wikipedia/commons/b/bd/Golden\_tabby\_and\_white\_kitten\_n01.jpg](http://localhost:%7b%7bPORT%7d%7d/filteredimage?image_url=https://upload.wikimedia.org/wikipedia/commons/b/bd/Golden_tabby_and_white_kitten_n01.jpg) |
| **Default get, returns a 400** | |
| **Get of a non existence image, returns HTTP 404** | |
| **Get o fan existent image, return HTTP 200** | |
| **URL with no params, returns HTTP code 422** | |

# Elastic Beanstalk Deployment

| CRITERIA | MEETS SPECIFICATIONS |
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| The project demonstrates the ability to create functional cloud deployments | **The endpoint is**  **http://image-filter-starter-code-dev.eu-west-3.elasticbeanstalk.com/** |
| The project demonstrates an understanding of AWS Elastic Beanstalk’s CLI and Console Dashboard | The project was deployed using the AWS Elastic Beanstalk CLI eb init, eb create, and eb deploy commands.  **eb init**      **eb create**      A screenshot of the elastic beanstalk application dashboard is included in a deployment\_screenshot directory. |
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