**PROJECT SPECIFICATION**

**Engineering Full Stack Apps in the Cloud**

Engineering Process and Quality

| CRITERIA |
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| The project demonstrates an understanding of a good cloud git process  “dev” and “master” branches created. |
| The project demonstrates an ability to use typescript and Nodejs  Project is developed on starter code. |

Development Server

| CRITERIA |
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| The project demonstrates the ability to develop using the NodeJS framework  Project is developed on starter code. |
| The project demonstrates an understanding of RESTFUL design |

Project is developed on starter code. Express used for restfull operations

URL : http://udagram-baran-filter-dev.eu-central-1.elasticbeanstalk.com/filteredimage?image\_url=https://timedotcom.files.wordpress.com/2019/03/kitten-report.jpg

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| The project demonstrates an understanding of HTTP status codes  200 OK for valid operation  400 Bad Request for missing parameter    422 Unprocessable Entity for invalid resources (wrong link or non-image link) |

Elastic Beanstalk Deployment

| CRITERIA |
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| The project demonstrates an understanding of AWS Elastic Beanstalk’s CLI and Console Dashboard |
| The project demonstrates the ability to create functional cloud deployments  URL : **http://udagram-baran-filter-dev.eu-central-1.elasticbeanstalk.com/filteredimage?image\_url**=https://timedotcom.files.wordpress.com/2019/03/kitten-report.jpg |
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**Suggestions to Make Your Project Stand Out!**

* Refactor the project built in the course to make a request to this project service upon image upload – **Student Note: Not implemented**
* Add a required authentication header to block public requests - **Student Note: Not implemented**
* Add your own domain name and have it point to the running services (try adding a subdomain name to point to the processing server) NOTE: Domain names are not included in AWS’ free tier and will incur a cost. - **Student Note: Not implemented**