|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Project 1 |  |  |  |  |
| Objective: | Crete a VM based web server to allow images to be uploaded, visualized nad downloaded. | | | |
| Points: | 10 |  |  |  |
| 1 point for each item |  |  |  |  |
|  |  |  |  |  |
| Deployment |  |  |  |  |
|  | deployed to VM  upload works | 1  1 |  |  |
|  | download works | 1 |  |  |
|  | visualization works | 1 |  |  |
|  | accessible via the internet | 1 |  |  |
| Report |  |  |  |  |
|  | student names | 1 |  |  |
|  | description of project  list of goals | 1  1 |  |  |
|  | implementation details | 1 |  |  |
|  | pros and cons discussion | 1 |  |  |

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| Project 2 |  |  |  |  |  |
| Objective: | Change the app to be serverless. Store files in blob storage, integrate with database. | | | | |
| Points: | 10 |  |  |  |  |
| 1 point for each item |  |  |  |  |  |
|  |  |  |  |  |  |
| Deployment |  |  |  |  |  |
|  | deployed as serverless  all previous features work | 1  1 |  |  |  |
|  | files is blob storage | 1 |  |  |  |
|  | metadata in DB | 1 |  |  |  |
|  | accessible via the internet | 1 |  |  |  |
| Report |  |  |  |  |  |
|  | architecture diagram | 1 |  |  |  |
|  | description of project  list of goals | 1  1 |  |  |  |
|  | implementation details | 1 |  |  |  |
|  | pros and cons discussion | 1 |  |  |  |

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| Project 3 |  |  |  |  |
| Objective: | Add code to repository. Automate build and deploy, Split traffic across 2 versions. | | | |
| Points: | 10 |  |  |  |
| 1 point for each item |  |  |  |  |
|  |  |  |  |  |
| Deployment |  |  |  |  |
|  | code repository  ci/cd automation | 1  1 |  |  |
|  | traffic splitting | 1 |  |  |
|  | no keys or secrets in repository | 1 |  |  |
|  | traffic splitting done via config, not in the code | 1 |  |  |
| Report |  |  |  |  |
|  | architecture diagram | 1 |  |  |
|  | description of project  list of goals | 1  1 |  |  |
|  | implementation details | 1 |  |  |
|  | pros and cons discussion | 1 |  |  |