CprE 491 - sdmay19-38

Android App Forensic Evidence Database

Weekly Report 9

11/15/2018 - 11/22/2018
Client: Neil Gong and Yong Guan
Faculty Advisors: Neil Gong and Yong Guan

Team Members:

Mitchell Kerr -- Tech Lead
Connor Kocolowski -- Report Lead
Emmett Kozlowski -- Meeting Scribe
Jacob Stair -- Testing Lead
Matthew Lawlor -- Meeting Facilitator

Past Week Accomplishments

- Containers
  - More research was done into how containers would be implemented into our system. Domain knowledge was gained by doing tutorials and looking at simple examples to gain more insight into how docker and kubernetes works
- Continued work on crawlers

Pending Issues

- Kubernetes
  - In our current situation kubernetes would be the ideal container orchestrator but it may not be applicable with our infrastructure set up. This decision as to use this technology will need to be put on hold until we can gain a better understanding of our final computing setup.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Mitchell Kerr	Testing APKMirror downloads	4	47
Connor Kocolowski	Worked to find ways to visit a higher number of applications on Google Play	5	64
Emmett Kozlowski	Continued research and gaining knowledge of containers and orchestrators.	4	57
Jacob Stair	Worked on unit tests for UpToDown web crawler	4	49
Matthew Lawlor	Looked into and set up storage space given to us by CSAFE	4	44

Plans for Coming Week

- Make dockerfile for flask apps.
- Continue research into other container orchestrators such as docker swarm
- Ensure all current crawlers are finalized and collecting proper data
- Downloading files to our shared drive given to us by CSAFE
- Conduct more research into downloading apk files from google play