Software Architecture Documentation(uWatch digital forensic tool)

Group Name: MPHETamines

Taariq Ghoord	10132806
Martha Mohlala	10353403
Phethile Mkhabela	12097561
Sboniso Masilela	10416260
Harrison Maphuti Setati	12310043

Git repository link:
`https://github.com/MPHETamines/MPHETamines/`

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4.1 Reference architecture

- There are no specific reference architectures being used on *uWatch* besides MVC(Model-View-Controller).

4.2 Frameworks

- MVC framework
  - *uWatch* has the view where user can capture and upload the potential digital evidence and also view what he has uploaded.
  - *uWatch* uses Firebase(server)to host the model which is basically a JSON and uses object-relational mapping for database.
  - AngularJS provides controller and services that link the view and the model.
- Ionic framework
  - We chose to use ionic framework since it can be deployed into more than one platform.
  - It provides nice and easy navigation user interface mobile apps.
  - It is built based on MVC pattern/framework which is basically what*uWatch* based on.

- Benefits
  - It is flexible and scalable.
  - It boosts maintainability and productivity.
  - It's a real-time responsive system.

5 Access and integration channels

6 Technologies

7 References