Team meeting 04022022.

Discussed

- Decided on the domain -
the Hadron Collider at CERN (Computer Security: Digital stolen goods of CERN? | CERN (home.cern))
- Reviewed the requirement of the project
    1. The structure of the report - Table of content
    2. Clear concept to be conveyed
    3. Appendix is a plus
    4. Different types of diagrams to be included
    5. 1000 word (+- 100)

- We agreed to create our report layout based on the example report (from the Seminar)

2. Next action

- Bernard will ask the sample report (or Seminar recording) from Cathryn
- All the team member will get familiar with the topic by reading through the related links:
    1. UML Diagram
    2. AWS
    3. Hadron Collider at CERN
    4. Other related links posted by the team members
- We will have another team meeting next Monday 4th of April 11:30 BTC
- the workload distribution will be discussed in the next meeting

3. During the meeting, we have reviewed the requirements and criteria together regarding the first assignment Design Document

Team meeting 04042022.

Discussed

- Distributed the tasks to each of the team members:

1. Bernhard -
    - 1. Introduction
        - 1.1 Brief overview
        - 1.2 Problem statement
    - 2. System design
        - 2.1 Scope of design
2. Yvone -
    - 2. System design
        - 2.2 Security consideration
    - 3. Testing and QA
        - 3.1 Methodology for testing
3. Yin Ping -
    - 2. System design
        - 2.2 Security consideration
    - 3. Testing and QA
        - 3.1 Methodology for testing
4. Yusuf -
    - 2.3 Design Architecture
        - 2.3.1 Authentication
        - 2.3.2 Authorization
        - 2.3.3 Data encryption
        - 2.3.4 Event monitoring
        - 2.3.5 (What else?)
    - 2.4 Implementation
5. Brandon -
    - 2.3 Design Architecture
        - 2.3.1 Authentication
        - 2.3.2 Authorization
        - 2.3.3 Data encryption
        - 2.3.4 Event monitoring
        - 2.3.5 (What else?)
    - 2.4 Implementation

2. Next action

- Work on each of our tasks during the week, post discussions on Slack if needed
- Review our works in the next call
- Next call - We will have another team meeting this Saturday 9th of April 8 AM GMT

Please feel free to add more if I miss anything, thanks!

Team meeting 04092022.

1.Discussed

- Reviewed everyone's works
- Diagram
    1. The draft diagrams were confirmed during the call, we will make other types of diagrams based on the agreed ideas
    2. All the diagrams were based on the main idea of the report which collaborates from everyone.
    3. The diagram can include as much information so we can save words count from explaining
- Words count
    1. We have 1600 words now, need to trim the content.
    2. Bernhard will review the whole document to truncate the content.
    3. All the team members can also review their content to assist in the text truncating process.

2. Next action

- The diagrams will be completed by Wednesday
- Next call on next Wednesday 13th of April 11:30 AM GMT
- Finalize our report during the next call, so we highly recommend everyone to join this call.
- Please let us know if the time fits, or we can reschedule, thanks!

Team meeting 040132022.

1. Discussed

- Tasks before submission

Frontpage - Brandon
Table of Content - Yvone
Reference - Bernhard
Final review - Ying Ping & Yusuf

- Implementation

We decided to move all the case diagrams and sequence diagrams to the implementation section.

2. Next action

- Bernhard will do submission the document by Monday 11:55 am GMT
- Everyone can make necessary modifications before the submission
- Each of us also needs to submit the peer review individually
- This is our last meeting for the first assignment, thank you, everyone!

Team meeting 04262022.

1. Discussed

- Database should be in the cloud, coding can do it locally
- Yvone will create a new account for us with AWS (https://aws.amazon.com/rds/pricing/), and give access to each of us.
- Yusuf will set up the database schema and manage/create tables
- Bernhard will reach out to the professor to ask/clarify the requirements of the assignment
- Brandon will work on the coding part. First step is to look into the requirement to investigate if any question is pending.
- Will create a GitHub for us for the repository
- The project requires a live demonstration, a reminder is booked on our calendar

2. Next action

- Everyone can post their questions (assignment related) on Slack, so Bernhard will bring the questions to the professor together
- We will have weekly Monday calls before the final in which we can discuss our progress intensely

Team meeting 05022022.

1. Discussed

- The database scheme is set up locally and has been connected to the AWS for the team.
- Reviewed each of the designs from the first assignment:
    1. The workflow chart should be built in python
    2. The user's/admin's access to the database should be done at the database level
    3. More detail about the interface should be covered later
- Documentations shared from the team meeting:
    a. Connecting to an Amazon RDS DB instance - https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP_CommonTasks.Connect.html
    b. Adding an Amazon RDS DB instance to your Python application environment - https://docs.aws.amazon.com/elasticbeanstalk/latest/dg/create-deploy-python-rds.html
    c. Connecting to your DB instance using IAM authentication and the AWS SDK for Python (Boto3) - https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/UsingWithRDS.IAMDBAuth.Connecting.Python.html

2. Next action

- Brandon will keep working on the python code, and give Bernhard an update from Slack.
- Bernhard will help with the python as well, and the specifications will still need to be discussed from Slack.
- Yvone and Yusuf will keep working on the database.
- All team members:
    1. Can post any ideas on Slack
    2. Test and find the approach to link the database from AWS to the python level.

Team meeting 05092022.

1. Discussed

- The database scheme is set up locally and has been connected to the AWS for the team.
- Reviewed each of the designs from the first assignment:
    1. The workflow chart should be built in python
    2. The user's/admin's access to the database should be done at the database level
    3. More detail about the interface should be covered later
- Documentations shared from the team meeting:
    a. Connecting to an Amazon RDS DB instance - https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP_CommonTasks.Connect.html
    b. Adding an Amazon RDS DB instance to your Python application environment - https://docs.aws.amazon.com/elasticbeanstalk/latest/dg/create-deploy-python-rds.html
    c. Connecting to your DB instance using IAM authentication and the AWS SDK for Python (Boto3) - https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/UsingWithRDS.IAMDBAuth.Connecting.Python.html

2. Next action

- Brandon will keep working on the python code, and give Bernhard an update from Slack.
- Bernhard will help with the python as well, and the specifications will still need to be discussed from Slack.
- Yvone and Yusuf will keep working on the database.
- All team members:
    1. Can post any ideas on Slack
    2. Test and find the approach to link the database from AWS to the python level.

Team meeting 05162022.

1. Discussed

- Final check for all the features
- List all the existing bugs and discuss the solution

2. Next action

- Brandon will work on the administrator's interface
- Bernhard will finalize the PPT for the demo for Friday
- Yvone and Yusuf will keep working on solving the existing issues and bugs
- YinPing will work on the test case for the system

Team meeting 05192022.

1. Demo mock-up

- Go through the demo
    1. Bernhard - Conduct the demo and cover the core concept of our design
    2. Yvone - Cover the demo of the regular user's feature
    3. Brandon - Cover the demo of the admin user's feature
    4. Yusuf - Cover the demo of the security feature when user fails to login more than 3 times
    5. YinPing - Cover the demo of the test case

2. Next action

- The official demo will take place in the next day 20th of May 2022.