Wk 7-8: Proj Dev: Security

Kenyon Bunker

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# Part 1: Security

## Define Authentication, Authorization, Access

### Authentication

Authentication ensures that the person or entity is who or what they say they are. [1] It is the first step of security.

### Authorization

Authorization grants or denies access to certain resources on a system based on access. [1]

### Access

Access can also be called access level. It defines what an entity has access too. [1]

## Research on how to write a Risk statement.

A common format of a risk statement is “if-then statement. [2]

## Write a security risk statement for each of the A’s

### Authentication

This is from my Senior Project. I want to use Google Auth for authentication.

If implementing Google Auth requires money and it exceeds my budget of $50 and implementation puts me behind schedule, the app will use basic authentication.

### Authorization

If establishing the proper authorization protocols excess the 2 week estimation of completion, the due date of the project will be pushed back 2weeks to compensate for the lost time.

### Access

This is from my Senior Project. I have 3 access levels for players (users). Leader, standard, child.

If I get 1 week behind schedule implementing access levels, I will drop the child level until beta version of the app. (Currently on alpha)

# Part 2: Create Software Development Folder

As you start to implement features, you need to provide artifacts on your changes so they can be reviewed.

https://github.com/ANDX-Entertainment/Software-Development-Repository

# Part 3: Personal Development folder

Update your personal development folder with your reflections and status.

<https://github.com/Bunker-Kenyon/CSE-490R>

# Part 4: Sprint 3

## Weekly Sprint Meeting 06/03/2022

* Get both stories done by Wednesday night
* Talked about risks
* Talked about forking the repository and submitting work to PM for review
* Come up with one risk each
* Discussed routes

# References

[1] Educba, Authentication vs Authorization, 2022, <https://www.educba.com/authentication-vs-authorization/>

[2] Thompson, DAU, How to Write a Good Risk Statement, 2022, <https://www.dau.edu/library/defense-atl/blog/How-to-Write-a-Good-Risk-Statement>