2019 Application Security Challenge Requirements

Expectations:

Individuals, working in teams up to 5, will work off hours to develop a game character creation application that can pass First American's security requirements.

Requirements:
- Create a new account with a username and password
- Change existing account password
- Admin page to be able to check account details such as users' characters, add new classes for players to pick, and increase max character capacities.
- Users can make new characters by picking the class and naming themselves. (They start off at Level 1 and names must be unique (only alphabetical and numerical names))
- Players can make up to max 5 characters unless admin increases the amount. It will never go below 5.
- Safety Features (i.e. input validation for creating characters and preventing multiple login requests)
- Available classes include for this application:
    o Warrior
    o Magician
    o Thief
    o Bowman

Success Criteria:
- Meet the minimum requirements listed above
- Pass a static scan based on First American's policies
- Be submitted before the published deadline

The winning application will be one that:
- Meets all requirements
- Passes a static scan through Veracode with the highest score and least vulnerabilities
- Additional consideration will be given to applications designed to be:
    o Maintainable
    o Scalable
    o Practical
    o Aesthetically Pleasing

Contact Information: For further details, please contact bcallender@firstam.com or visit our FALive Page.