Nguyen, Johnny

Noel, Josh

Norris, Jason

Oldeen, James

Priest, Harrison

Richardson, Douglas

Roberts, Austin

University of North Georgia

Department of Computer Science and Information Systems

CSCI 3300: Software Engineering

Assignment one (Team work)

Work on the functional and non-functional requirements of your project. You are expected to elicit at least fifteen functional requirements and five non-functional requirements. Post your requirements document into your git project repository by Thursday, September 6, 2018. I would like to encourage each team to meet and work together before publishing into your remote repository.

Functional requirements:

1. The system shall request a user ID and password.
2. The system shall validate that passwords requirements are met.
3. The system shall store a unique username and password.
4. The system shall provide for “remember me” option.
5. The system shall provide a one-time quiz to ascertain the symptoms and causes of user’s anxiety.
6. The system shall randomly request user’s feelings and/or state of mind.
7. The system shall provide daily motivational quotes.
8. The system shall provide self-meditation techniques.
9. The system shall provide breathing techniques.
10. The system shall remind users to utilize anti-anxiety techniques.
11. The system shall provide a list of relaxing sounds.
12. The system shall provide links to computer games designed to combat anxiety.
13. The system shall list opportunities for group activities and moderate exercise.
14. The system shall request user’s area code.
15. The system shall provide a menu for foods known to reduce anxiety.

Non-functional requirements:

1. Performance: Response time will not exceed 5 seconds.
2. The system shall throw an error message if password does not fulfill said requirements.
3. Inactivity timeout: the system shall “timeout” after 5 minutes of inactivity for security.
4. Encryption – All external communications between the system’s data server   and clients must be encrypted.
5. Manageability: The system shall be able to have the user configure different options to suit their needs best.