**Department of Computer Science.**

**Georgia State University**

**CSc 2720 – Data Structure                                                                                           Jyoti Islam**

**Fall 2017 – Project Specification**

**Due: 28th November**

1. **Team project with 6 members.**
2. **The project should have three parts:**
   * 1. **User Interface – either GUI or web interface.**
     2. **Middle layer - code base**
     3. **Database**
3. **Deliverables:**
   1. **Each member should have a personal website, github account and a linkedin profile.**
   2. **Documentation:**
      1. **Class diagram of the code base.**
      2. **Design specification/ Entity-Relationship diagram of the database.**
      3. **Functional Specification - detail description of the features of your project.**
      4. **Test case document – description of the test cases for the features of your project.**
      5. **Deployment document – describe how someone will install your software/project into their computer.**
      6. **User manual – describe how someone will use your project.**
   3. **Codebase and database of the project.**
4. **Each member should perform a role in the team. The roles can be: team leader, software architect, developer, tester etc. Each person can have at most two roles.**
5. **You need to present your project in class. The presentation will be held on 28th and 30th November in class time.**
6. **Everything related to your project should be uploaded into github. In icollege, you just need to upload a text file containing link to your personal website, github account and linkedlin profile.**
7. **Your grade for project does not depend on your role in the team. It depends on how successfully you managed your role.**