**System Design and Decomposition**

**Due on Monday, October 30 before 11:59 pm**

1. **System Decomposition ()**
   * Provide a diagram showing system decomposition into subsystems according to the MVC.
   * Provide a clear explanation of the Model-View-Controller architectural style and how coupling and cohesion are addressed in MVC. (Gilad)
   * Provide a clear explanation of each subsystem responsibility (Gilad)
   * remember that answers will be different based on implementation scope (Console vs. GUI) (Gilad)
2. **Provide a detailed class diagram**
   * This class diagram will contain only entity objects (Although you can include GUI classes)
   * This class diagram will be a refined version of the class diagram you provided in the requirement analysis deliverable
   * Show aggregation, composition, associations, multiplicity, inheritance etc. between participating classes.
   * a detailed explanation of the class responsibility.
   * All classes must have their properties and methods identifies and listed.
   * All methods must have their return types.