EAST WEST UNIVERSITY
Department of Computer Science & Engineering
B.Sc. in Computer Science and Engineering Program
Quiz II, Fall 2021 Semester

Course:	**CSE347 Information System Analysis and Design, Section-2**
Instructor:	**Md. Mohsin Uddin, Senior Lecturer, Department of CSE**
Total Marks:	**20 (10 will be counted for final grading)**
Time:	**40 Minutes**

1. Consider the following simplified description of a system. **Construct** an appropriate [CO2,C4, class diagram. Add attributes and methods when necessary. You do not have to include Marks:20] getters and setters for attributes. In your diagram use appropriate notations, symbols, multiplicity to represent Generalization (class, abstract class/interface), Aggregation, Composition, and Association.

"An art galleries keep information about artists, their names (which are unique), birthplaces, age, and style of art. For each piece of artwork, the artist, the year it was made, its unique title, its type of art (e.g., painting, lithograph, sculpture, photograph), and its price must be stored. Pieces of artwork are also classified into groups of various kinds, for example, portraits, still lifes, works by Picasso, or works of the 19th century; a given piece may belong to more than one group. Each group is identified by a name (like those just given) that describes the group. Finally, galleries keep information about customers. For each customer, galleries keep that person's unique name, address, total amount of dollars spent in the gallery (very important!), and the artists and groups of art that the customer tends to like."