

Indian Institute of Information Technology, Allahabad

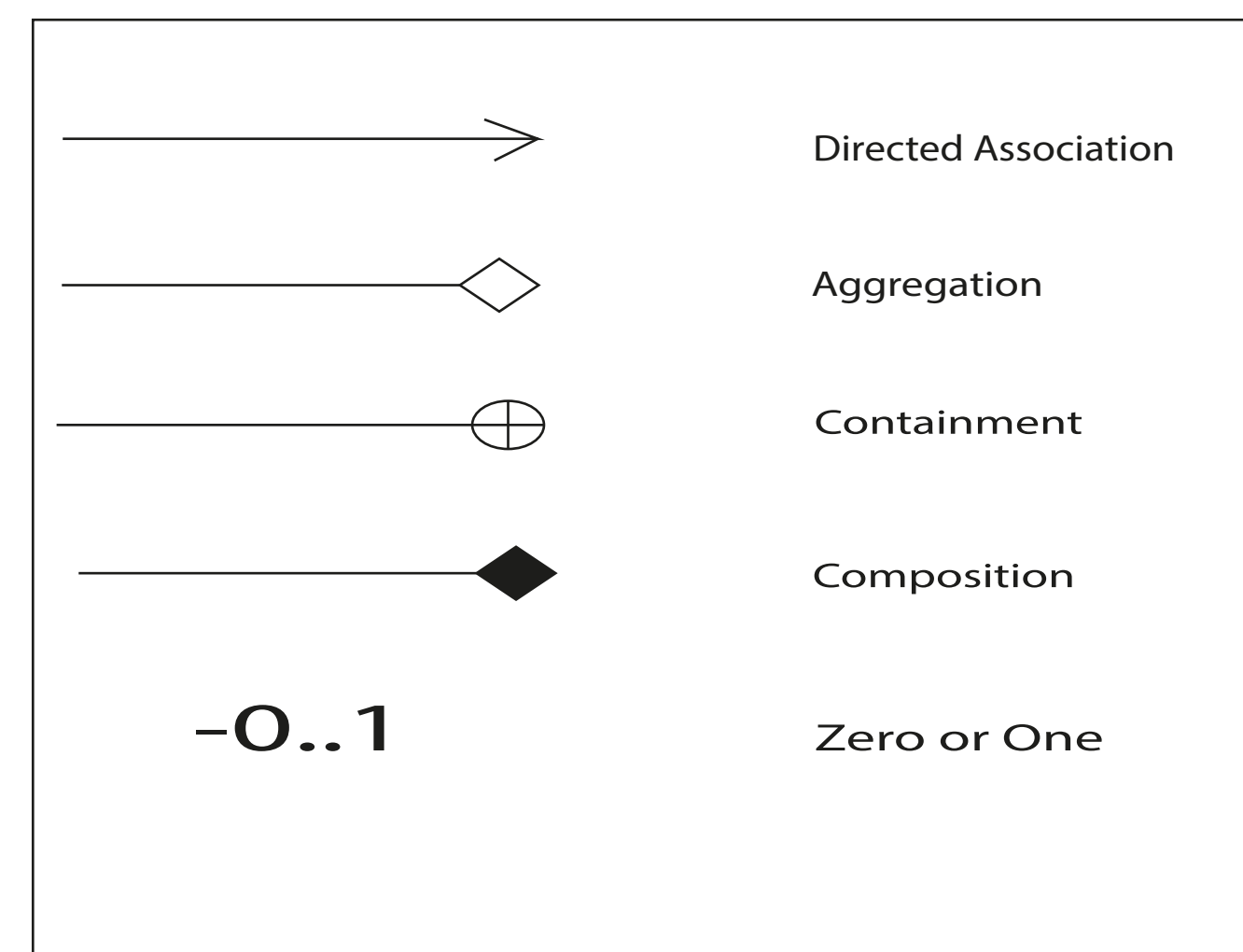
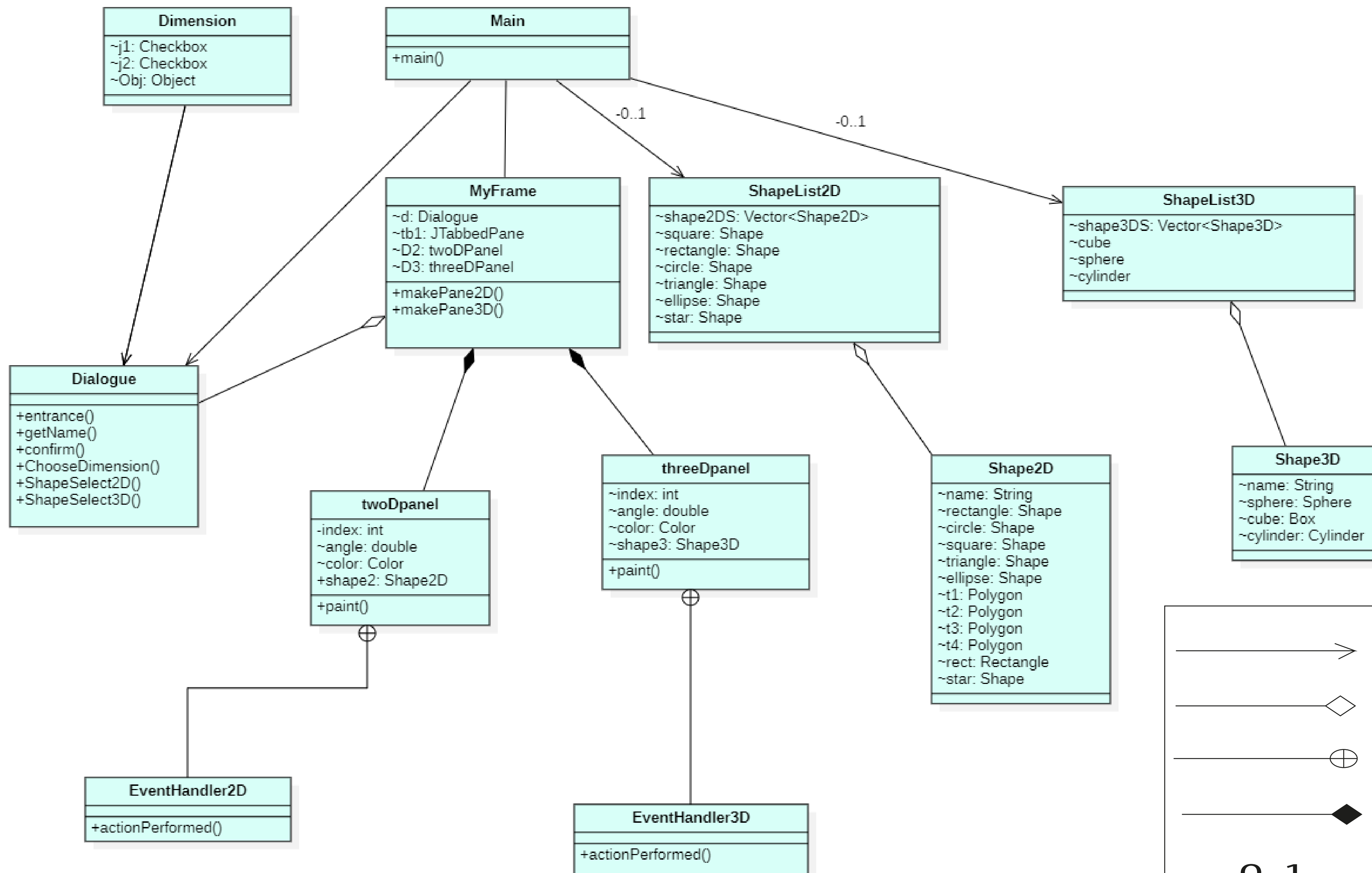
Object Oriented Methodology

Course Instructors: Prof. O.P. Vyas, Dr. Sonali Agarwal, Dr. Rahul Kala

SOFTWARE DRAWING 2D SHAPES & 3D GRAPHICS

GROUP MEMBERS –

- *ISHAAN OBEROI (IIT2021155)*
- *JAI MORYANI (IIT2021122)*
- *ROHAN KUMAR BEHERA (IIT2021145)*



OBJECT-ORIENTED CLASS RELATIONSHIPS –

Directed Association – This is a one-directional relationship in a class diagram that ensures the flow of control from one to another classifier. The navigability is specified by one of the association ends.

Aggregation – Aggregation implies a relationship where the child can exist independently of the parent.

Composition – Composition implies a relationship where the child cannot exist independent of the parent.

Containment – Uses the class as a data member in the class.

O...1 Relationship – Zero or one objects of this class is takes place in the relationship.