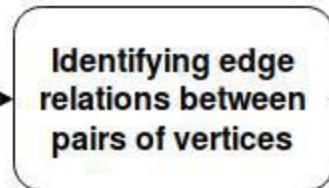
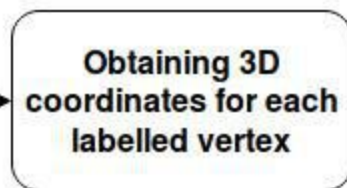


3D object to 2D views (Key Modules)



3D Wireframe Generation Module

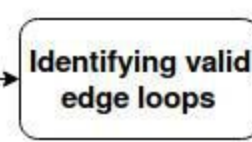
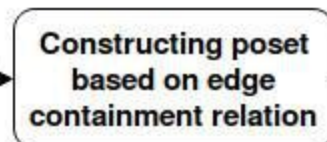
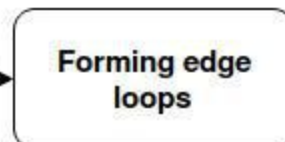
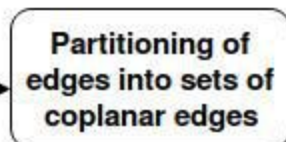
2D Views
with Labelled
Vertices



3D Wireframe

Face Reconstruction Module

3D
Wireframe



3D solid
with faces
identified