

3D - 2D

Points

2D - 3D

Projection  
across

Front View

Side View

Top View

For each projection point, store the data of points forming edges for  
respective 3D point using graphs as a data structure

Projection of  
points on  
planes  $xy$  ,  $yz$   
&  $xz$

2D surface will be  
formed converting  
hidden edges to  
solid edges

Consider the non-  
visible part of  
projection of solid  
as a hidden line

