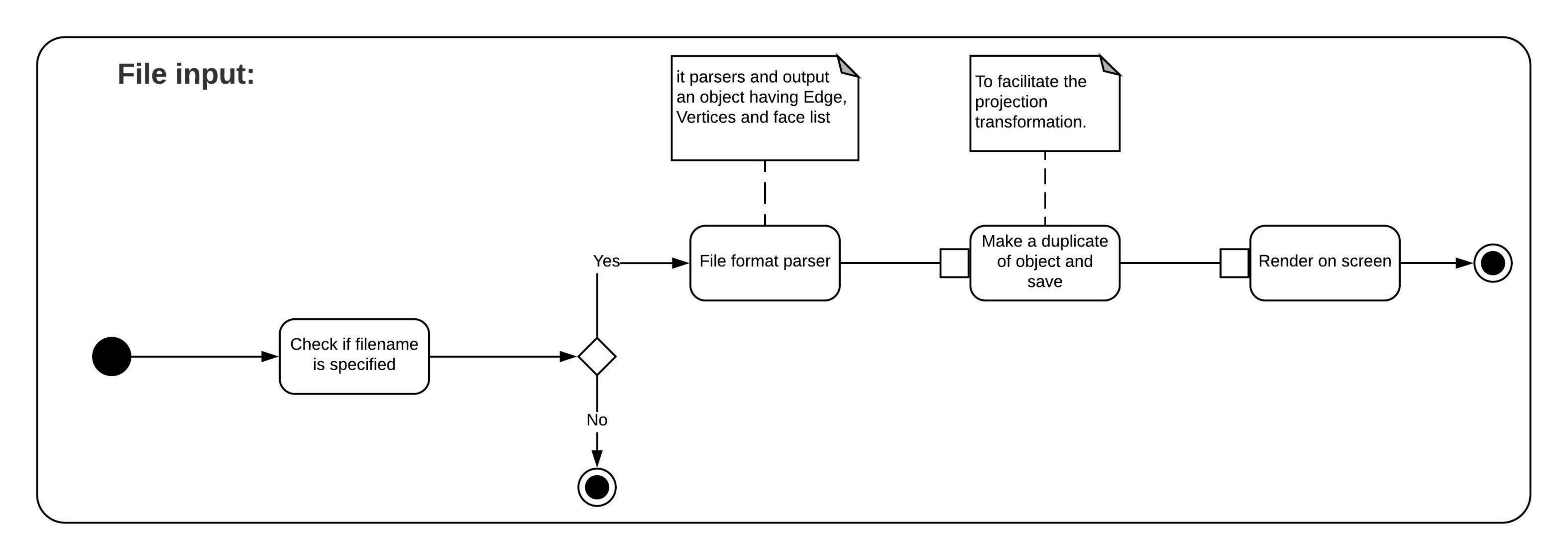
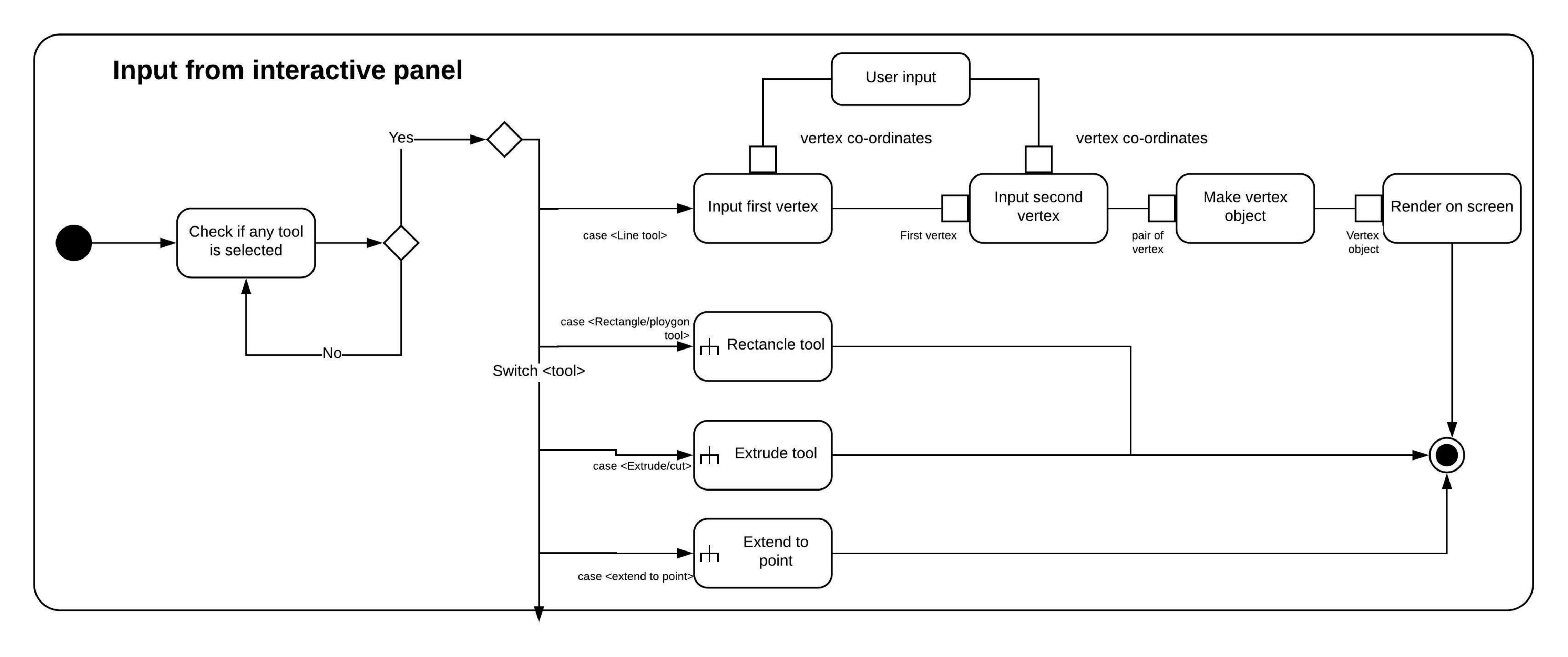
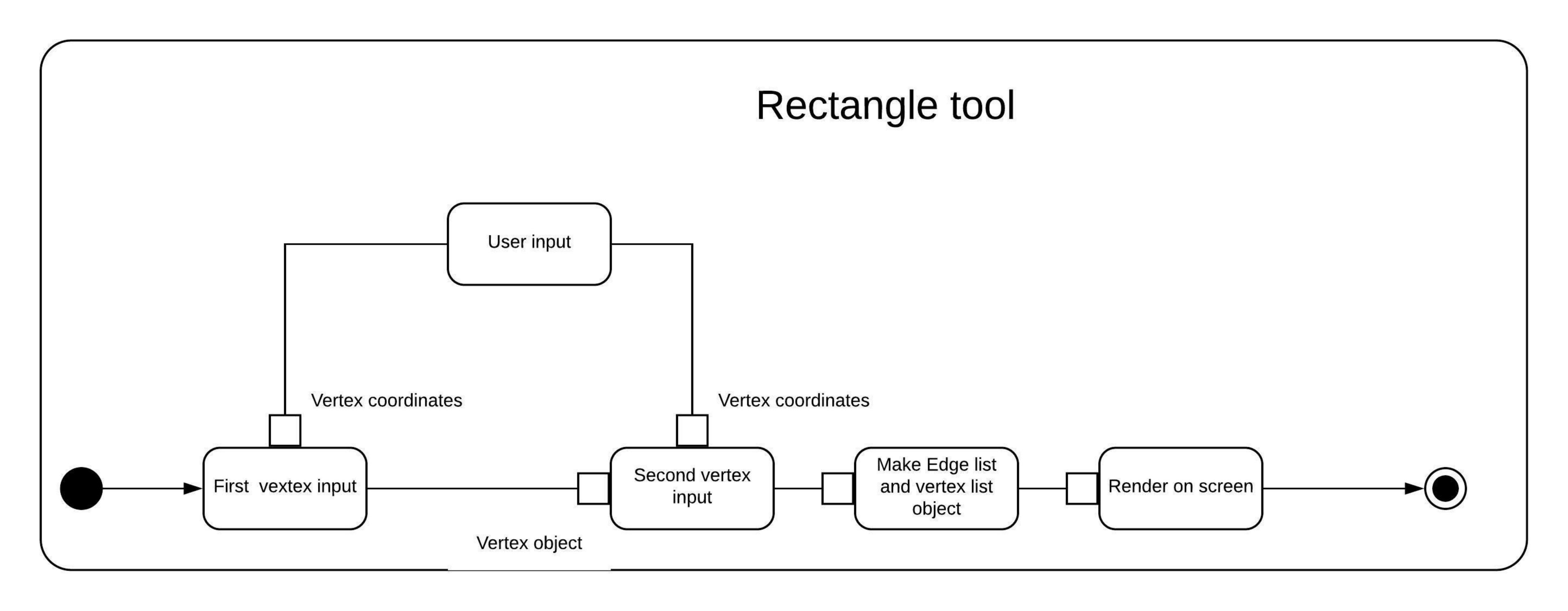
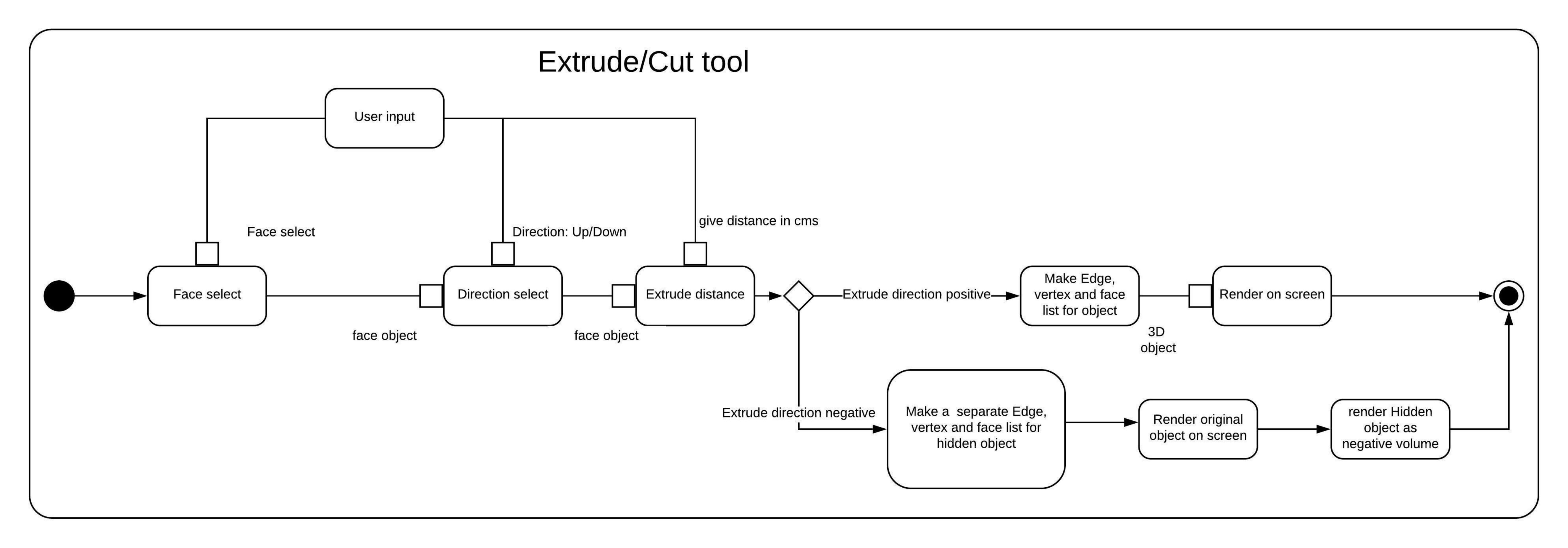
CAD: Feature Specification

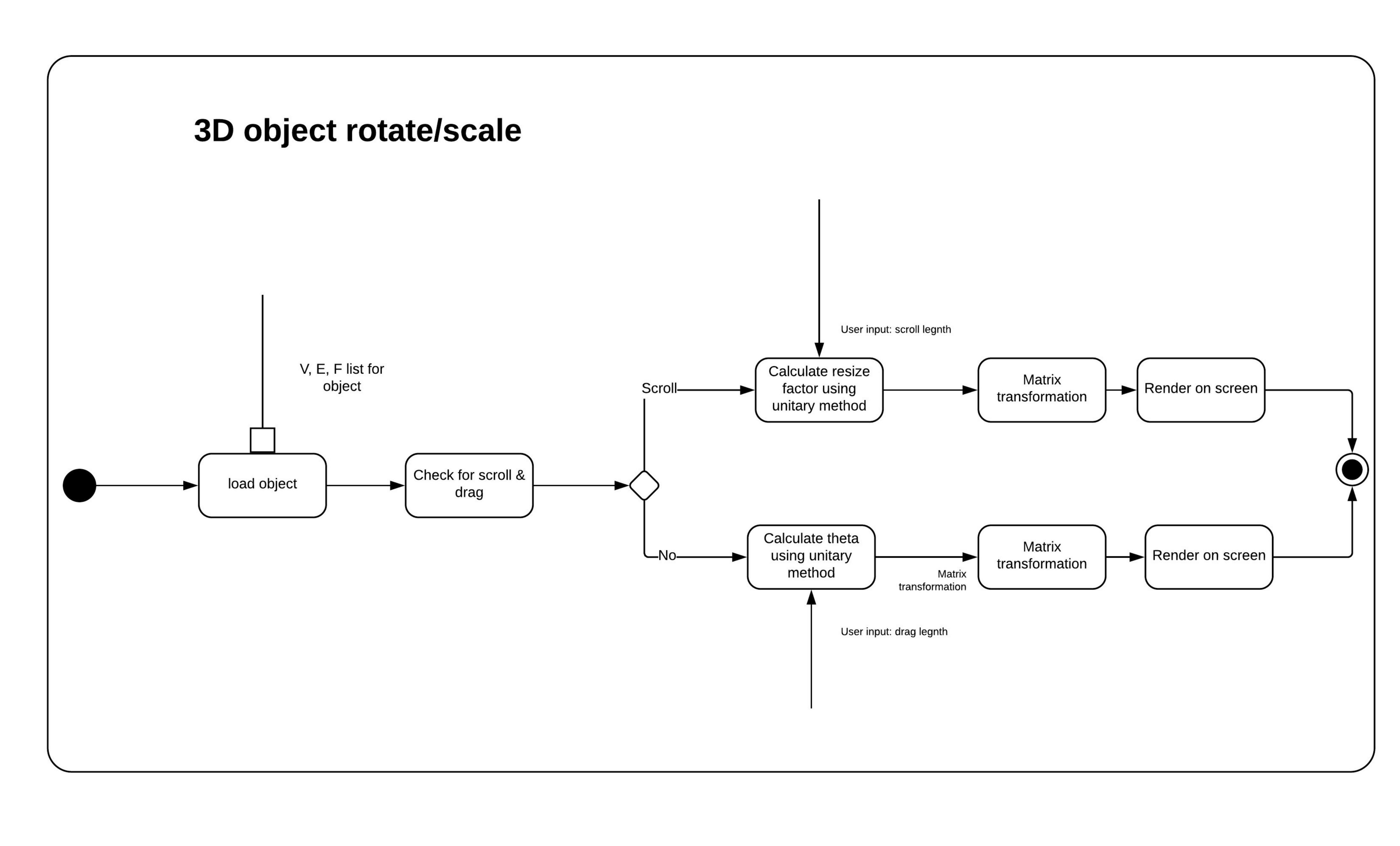


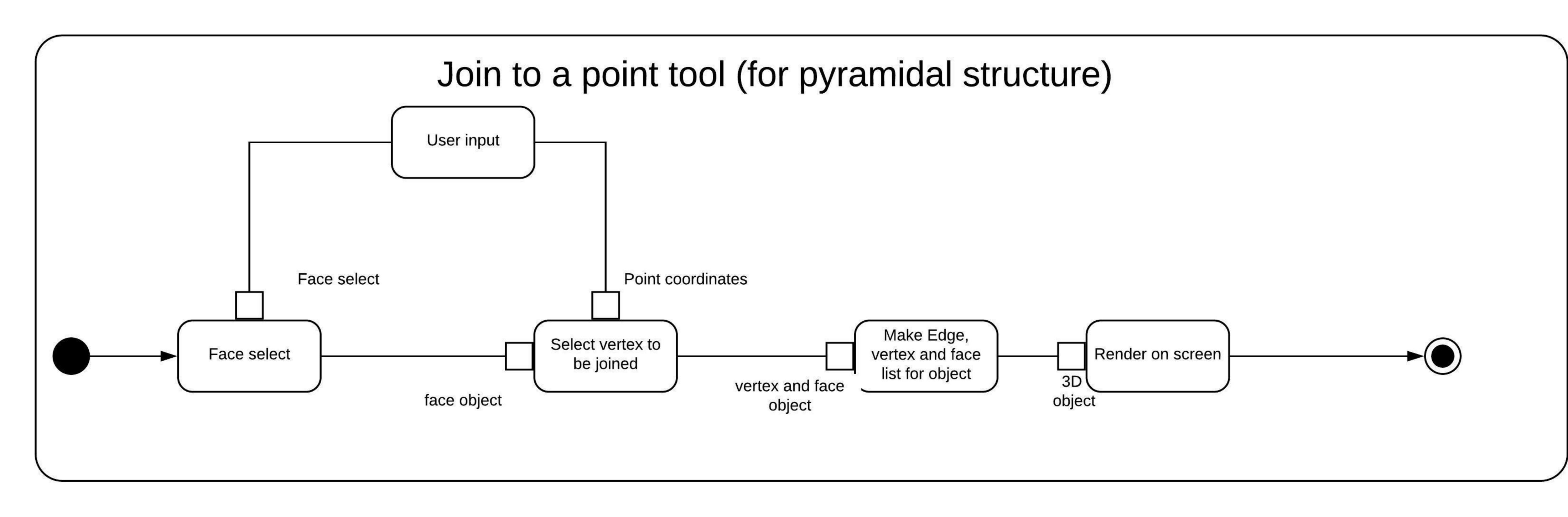












Oblique 3D to isometric projection Sending for displaying on screen Orginal Copy of 3D object V,F,E list for Multipling with matrix I for isometric projection redenring on screen multiplying by I for isometric view coordinates

Oblique to Orthographic Add threshold to 3D to top view projection Y coordinates Object data: V, E & L list V & E list for Orginal copy of 3D to Front view rendering on 3D obj projection screen Add threshold to 3D to side view projection X coordinates This is done so we will multiply that top view with respective and side view is matrices for above and beside converting 3d to front view resp.

Orthographic to Standard 3D Loop{Object; corresponding hidden object object; along with hidden object data – Orthographic data sending to find all valid edges list verify all the assumptions Find vertex list -Pass----Vertex object LOOP (for all vertex) Fail Eliminate the impossible Form the edge list other edge ends Converting 2d cordinates to 3d by taking any two views for hidden and normal parts Using the Using the argument theorem mentioned in the mentioned in the pdf This can be done by finding V,F,E data to be Find face list using edge list out cylces in the edge list and rendered on hence by matrix exponentiation screen or transitivity V, E, F data of object Negative volution in case of hidden figure

