### **February 07th - Weekly Update**

#### Back-End Team [ Janak and Aravinthakshan ]

* The XMem++ code has been modified to work with LabelMe
* A small batch of manually annotated images can now be created using SAM/Internal tools and stored in a designated directory.
* These manually annotated images serve as input for XMem++, which then generates annotations for subsequent video frames.

#### Next Steps (1 Week)

* Implement the feed-forward network into the model to facilitate iterative correction of annotations.
* Validate the accuracy of generated annotations and log the performance to see if iterative correction is actually helping model do better than base XMem++

#### Front-End Team [ Prasanna and Kavya ]

* Focused on refining and enhancing the precision of the existing tools for a smoother user experience.
* Improved the functionality of the Move and Eraser tools to ensure more accurate and intuitive interactions on different sized images.

#### Next Steps

* Enable users to add points between two existing points on a polygon, dynamically reforming the polygon based on the new point.
* Continue refining the tools to improve precision, ensuring a smoother and more intuitive user experience.