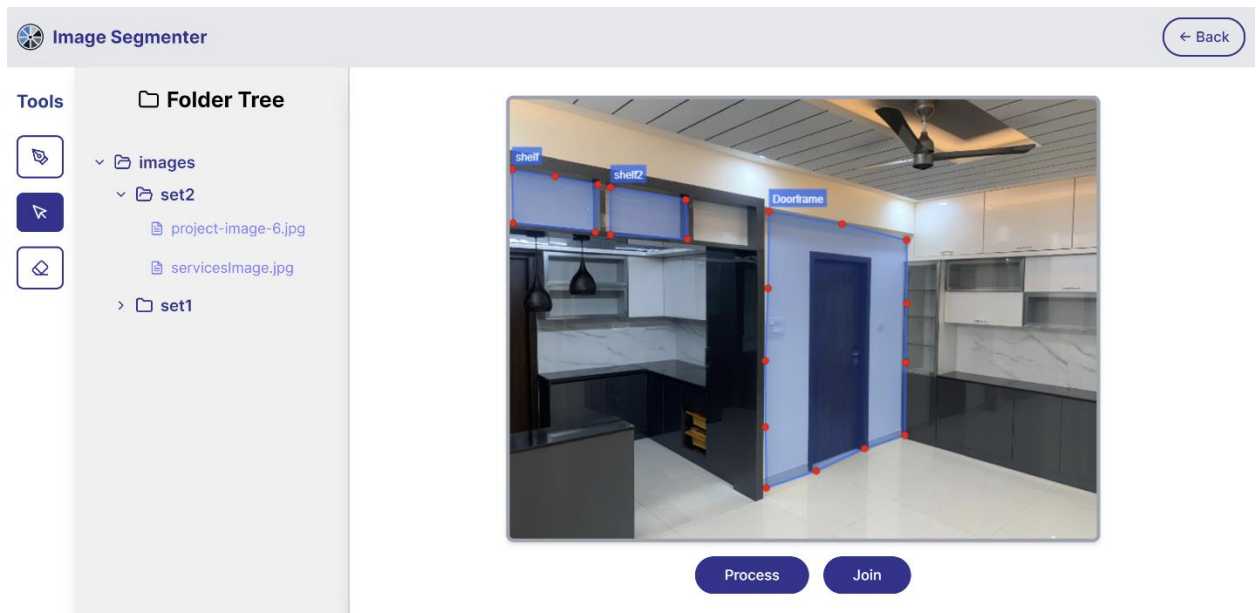


February 21st - Weekly Update

Front-End Team [Prasanna and Kavya]

- Optimized the point-joining mechanism by implementing the Nearest Neighbor algorithm, ensuring that points are connected based on proximity rather than selection order .
- Added a "Join" button to automatically connect points and form a polygon, streamlining the workflow.
- Enhanced label visibility by displaying user-defined names on top of each polygon for better clarity and organization



Next Steps

- Continue refining the tools to improve precision, ensuring a smoother and more intuitive user experience.
- Enable saving of marked points so users can reuse polygons later, improving efficiency and flexibility.