

# Fabrication Roadmap

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Sponsor: Marvin



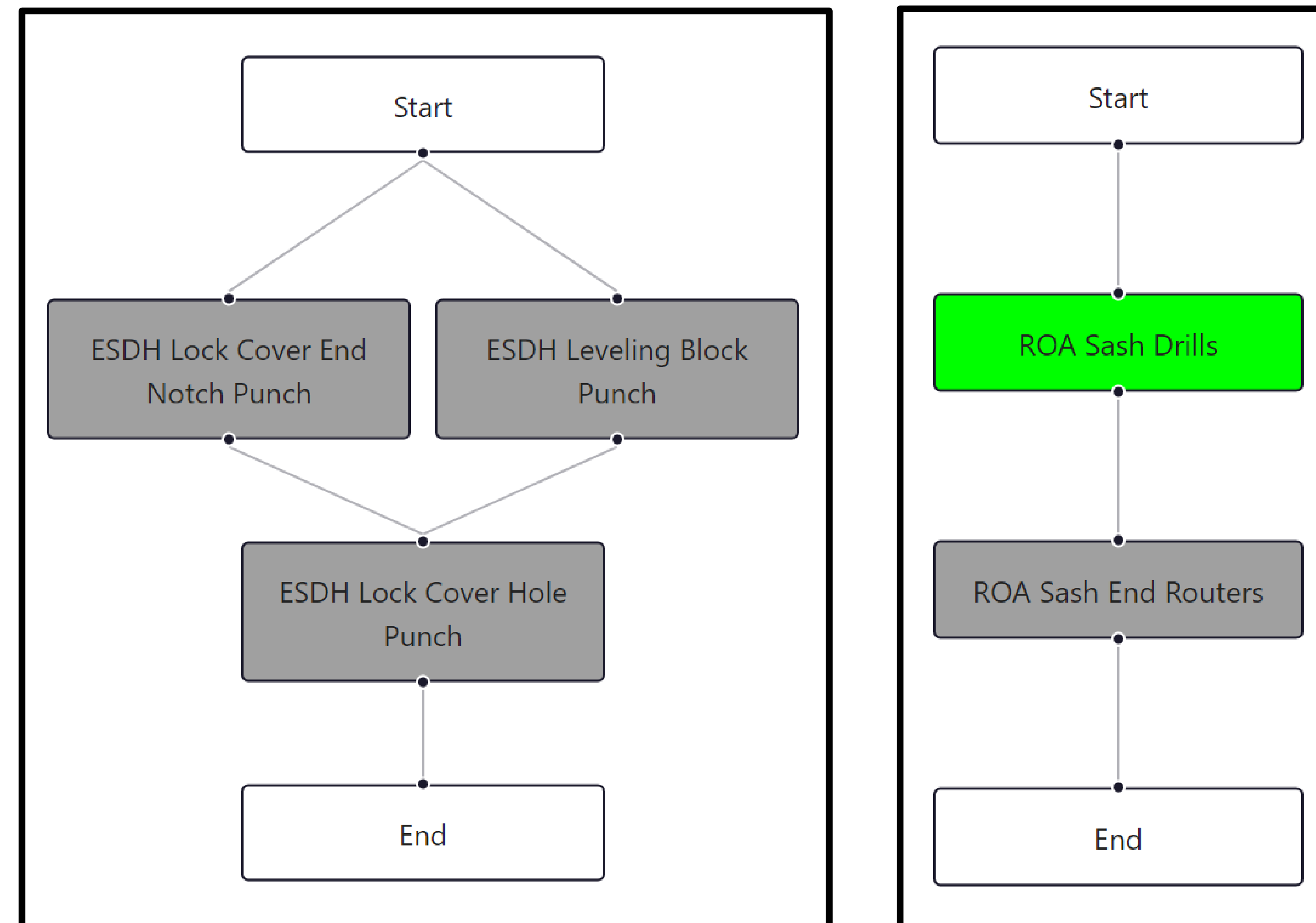
## Background

- Marvin manufactures custom, made to order windows.
- They have several fabrication processes involving different groups of machines to prepare parts before they are assembled into finished windows.
- The process that is followed depends on the parts being fabricated
- A "fabrication roadmap" is a representation of the machines used in a fabrication process in the order they are used.

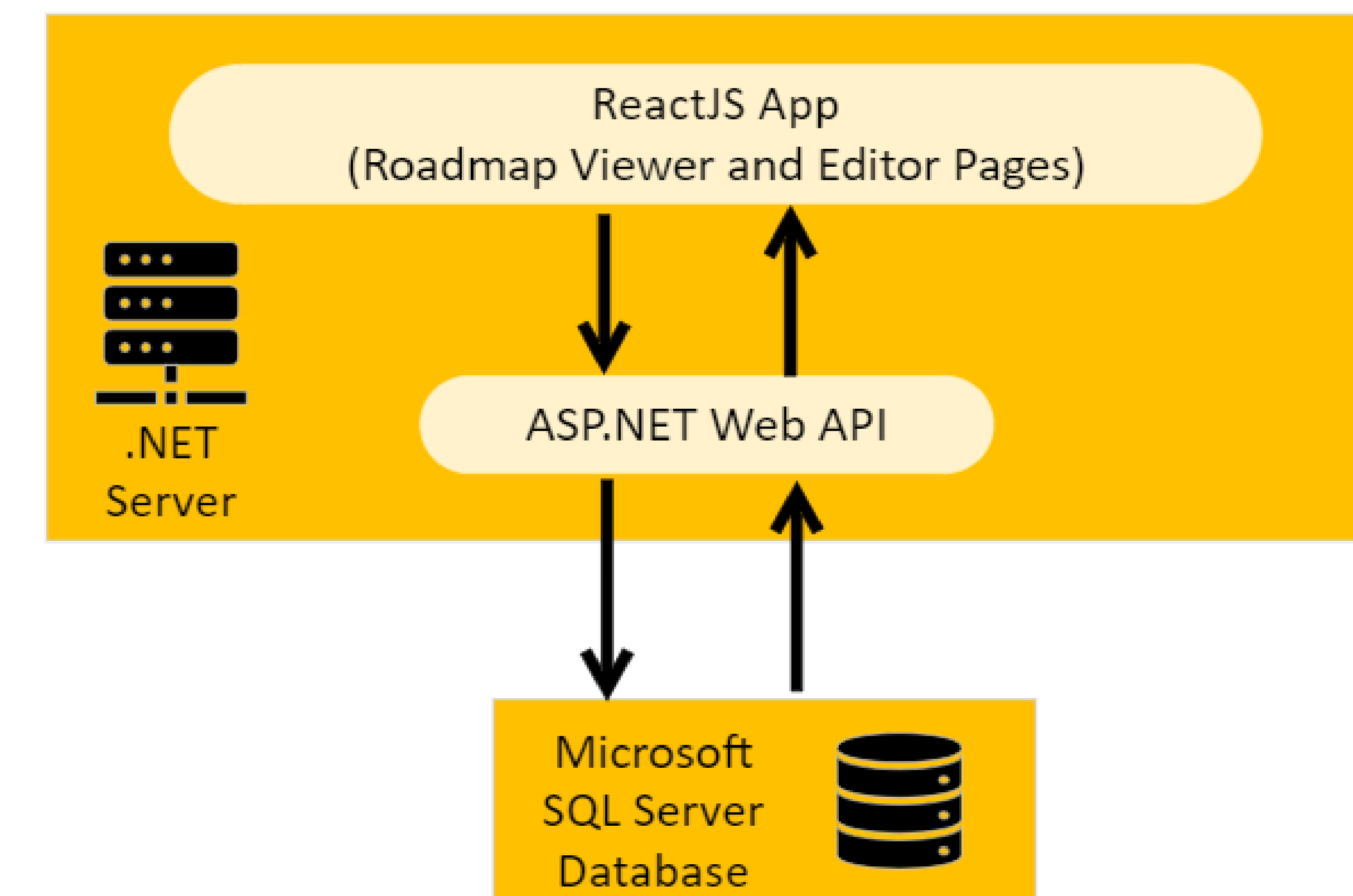
## Business Need

- Web based application
- Create new fabrication roadmaps and edit existing ones
- View roadmaps for a specified cart type (grouping of parts) and producing location.
- View status for roadmap within a batch: for each machine, steps completed vs number of steps to be completed.
- Easy to learn and use

## Our Web Application



## Technical Architecture



## Technologies used

