# Paint-Your-Mind I
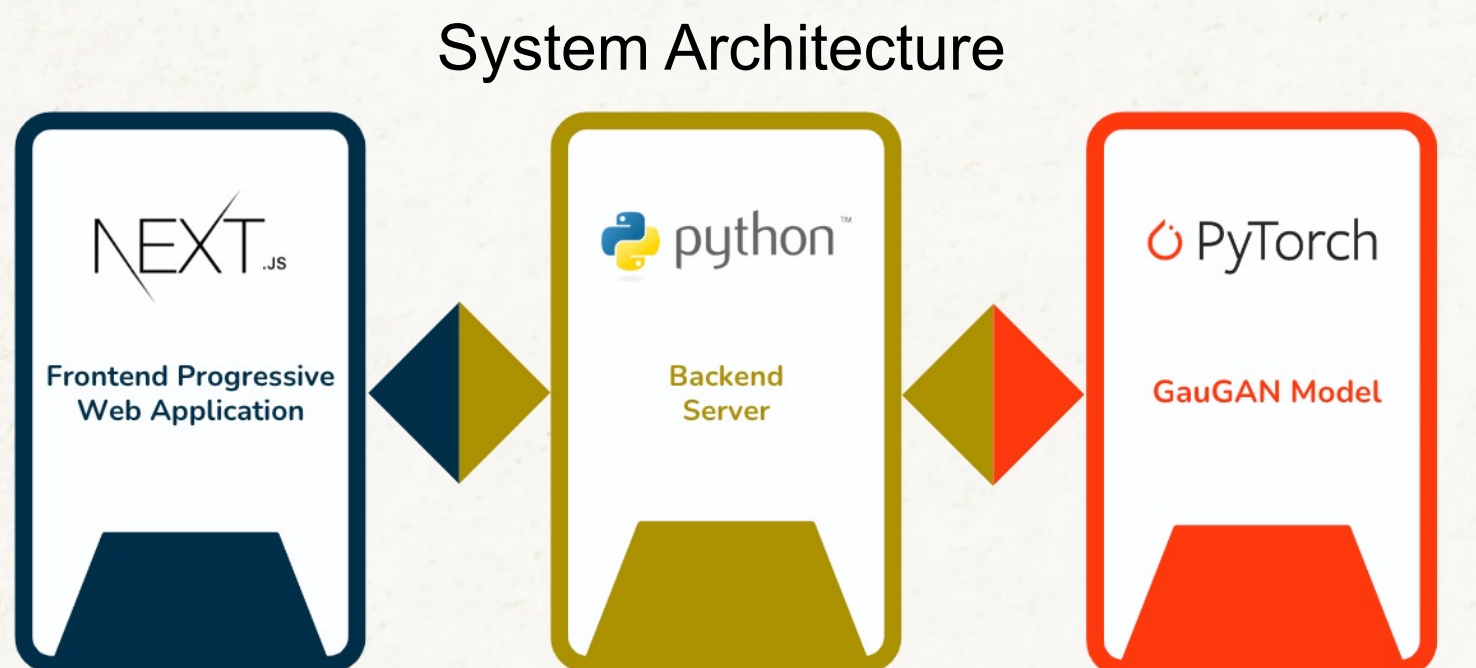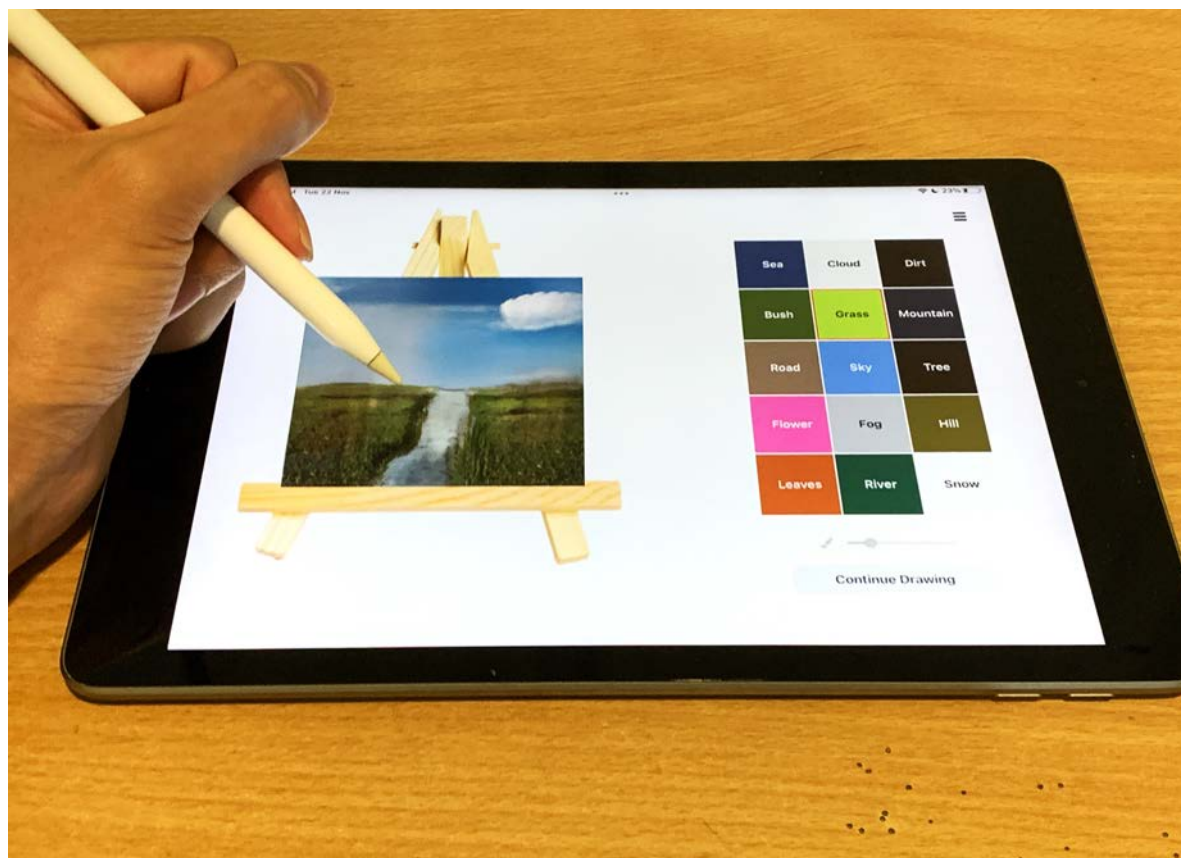
## Photorealistic Image Creation from Painting by Concept
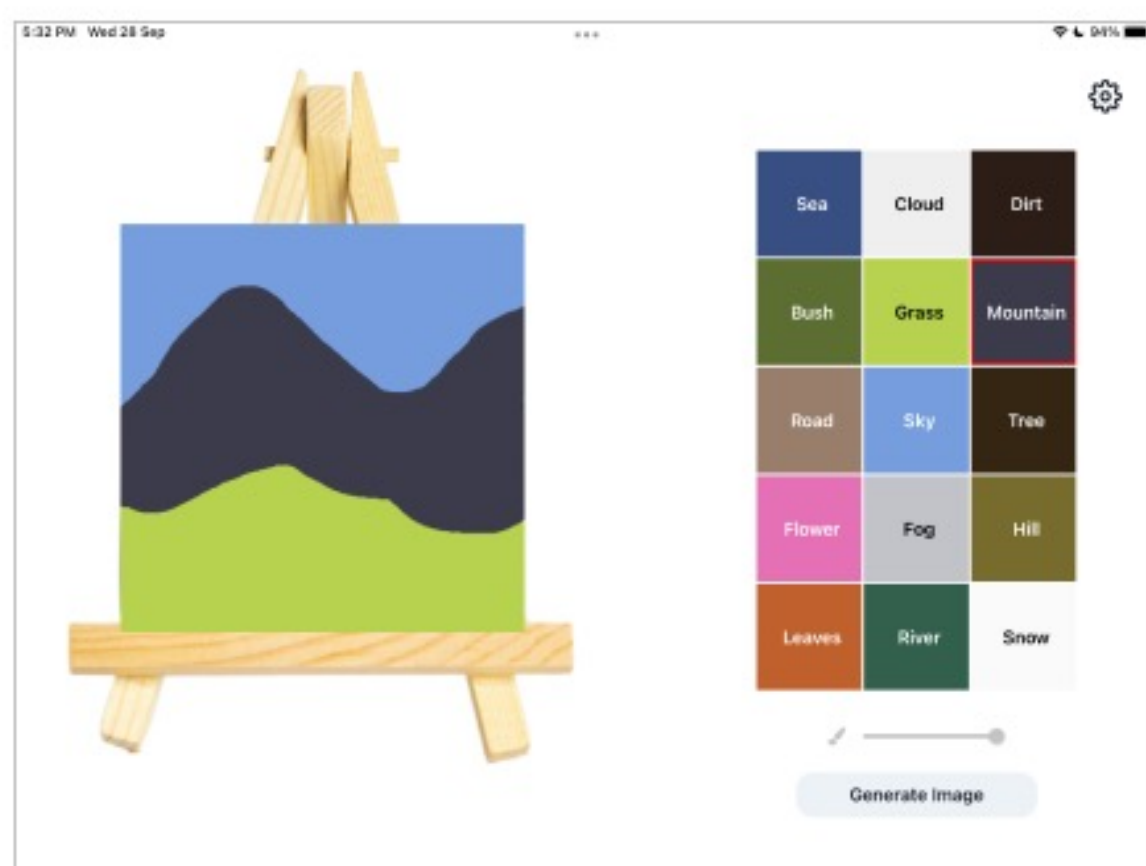
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System Architecture

### Project Objectives:

For many individuals, painting has remained a daunting experience especially creating landscape paintings that have a strong resemblance to the real world. Instead of expecting these individuals to practise for hours to achieve such results, Paint-Your-Mind seeks to empower them to paint concepts and turn them into art landscape pieces with photorealism by building an AI-enabled painting experience and user-friendly interface. It taps on Nvidia's research (Semantic Image Synthesis with Spatially-Adaptive Normalisation) to empower these individuals to paint the concepts they have their mind onto a progressive web application. Through a thin-client architecture that is built in a user-centric approach, it seeks to create a therapeutic art experience for these individuals.



Paint Your Mind