

AR Object Detection / Text Recognition for Language Learning

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The Inspiration



A free, easily accessible, language learning tool that utilizes recent AR advances

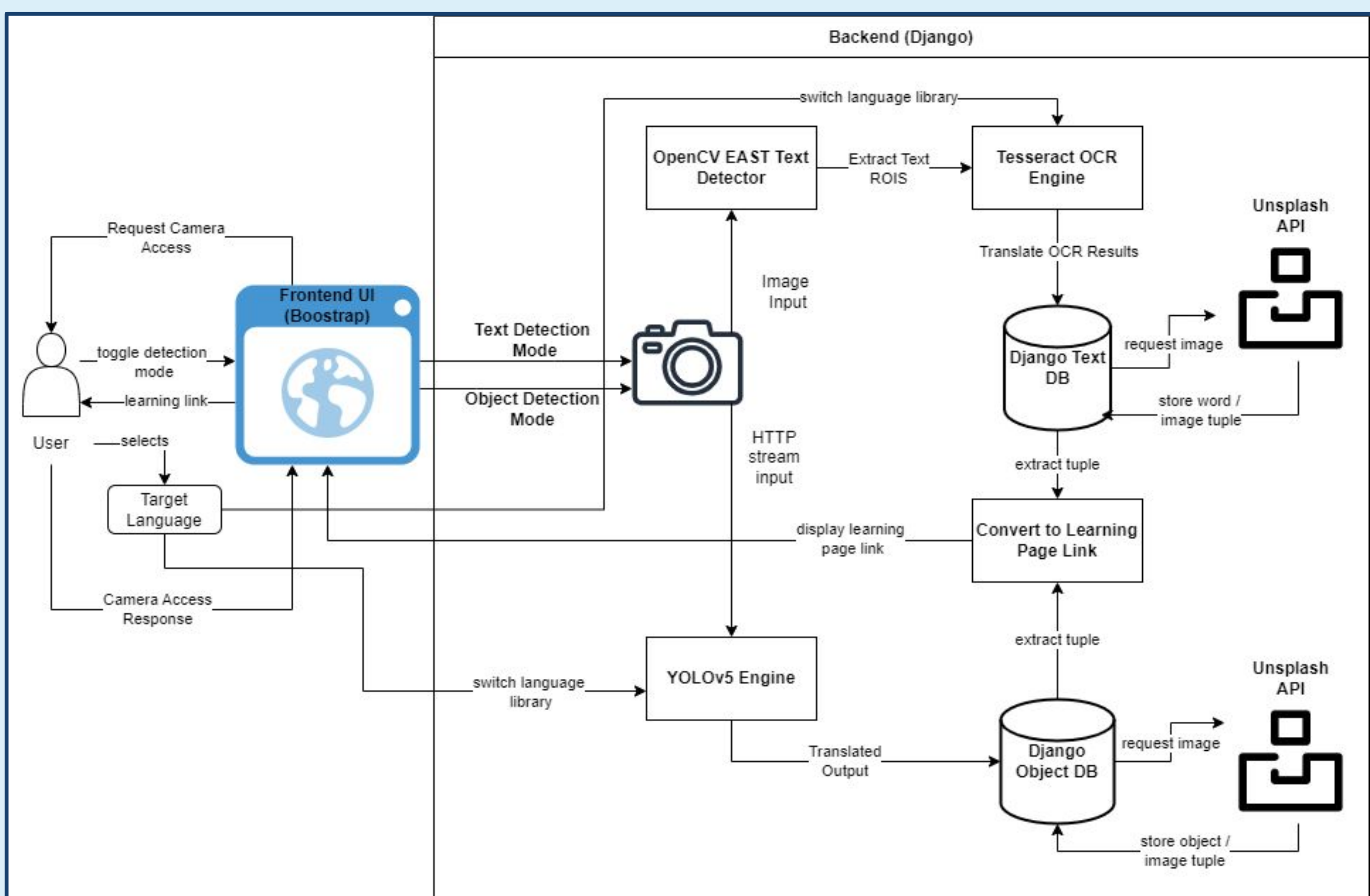
Who? Anyone trying to learn a new language with access to a mobile device

What? A web-based mobile app that accesses the users' mobile camera to scan the environment around them for real-time translations in a chosen target language

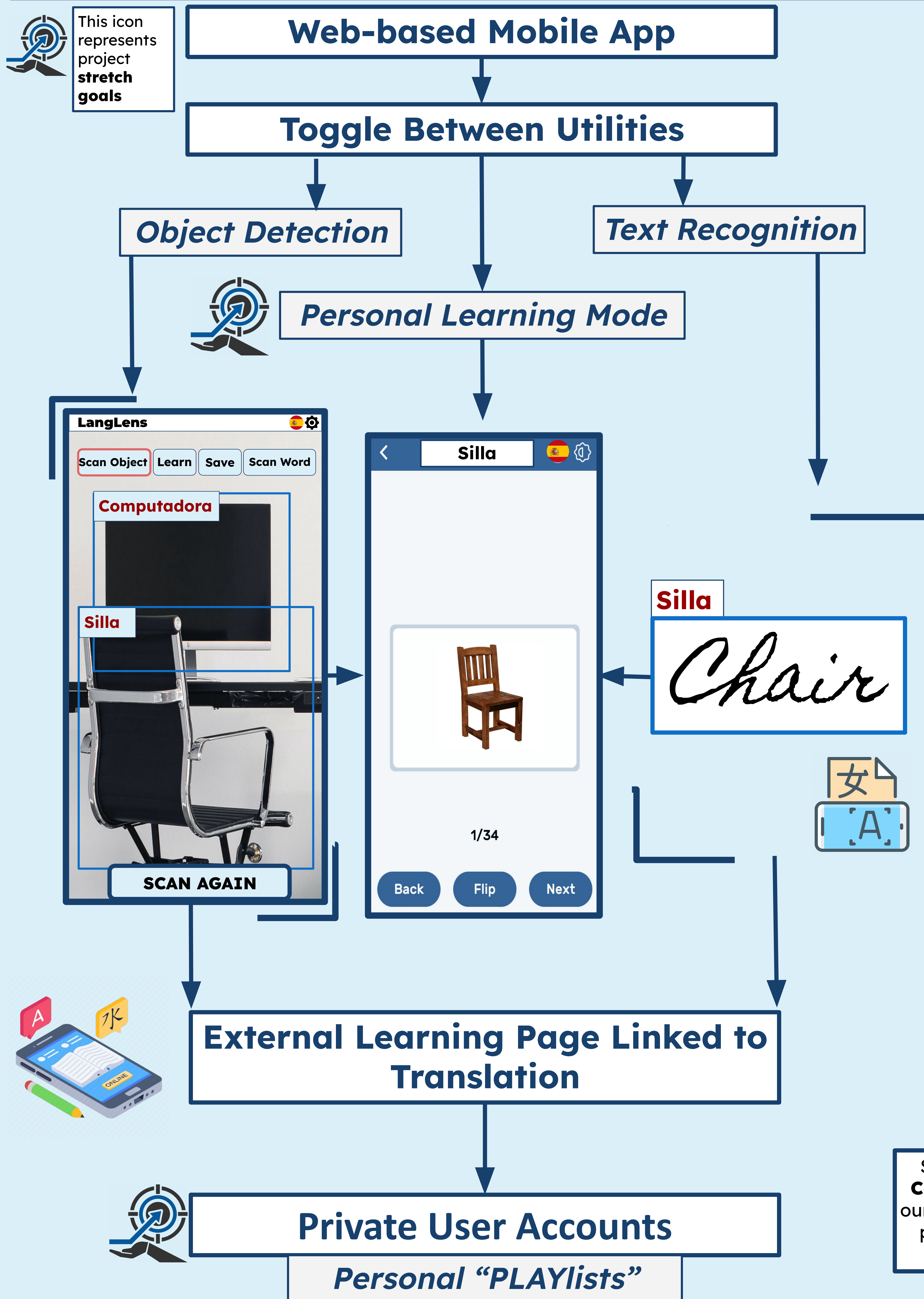
Why? A lack of free language learning tools that incorporate both object AND text recognition technology

- Target Language Selector (English / Spanish / French / Korean available for initial development)
- Two Detection Modes: Object / Text
- External Learning Page to incorporate all key elements of word learning (visual, textual, auditory)

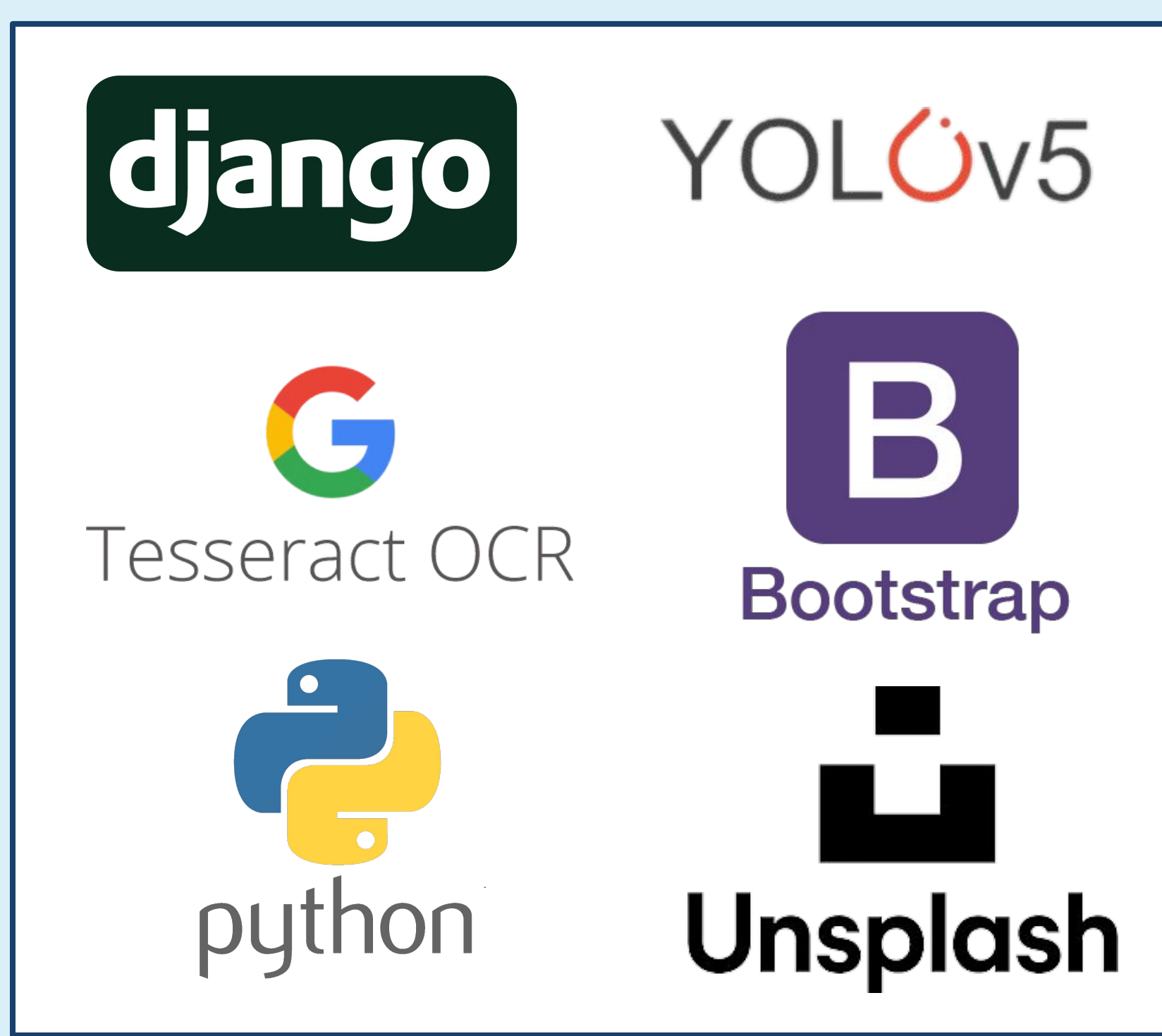
Architecture



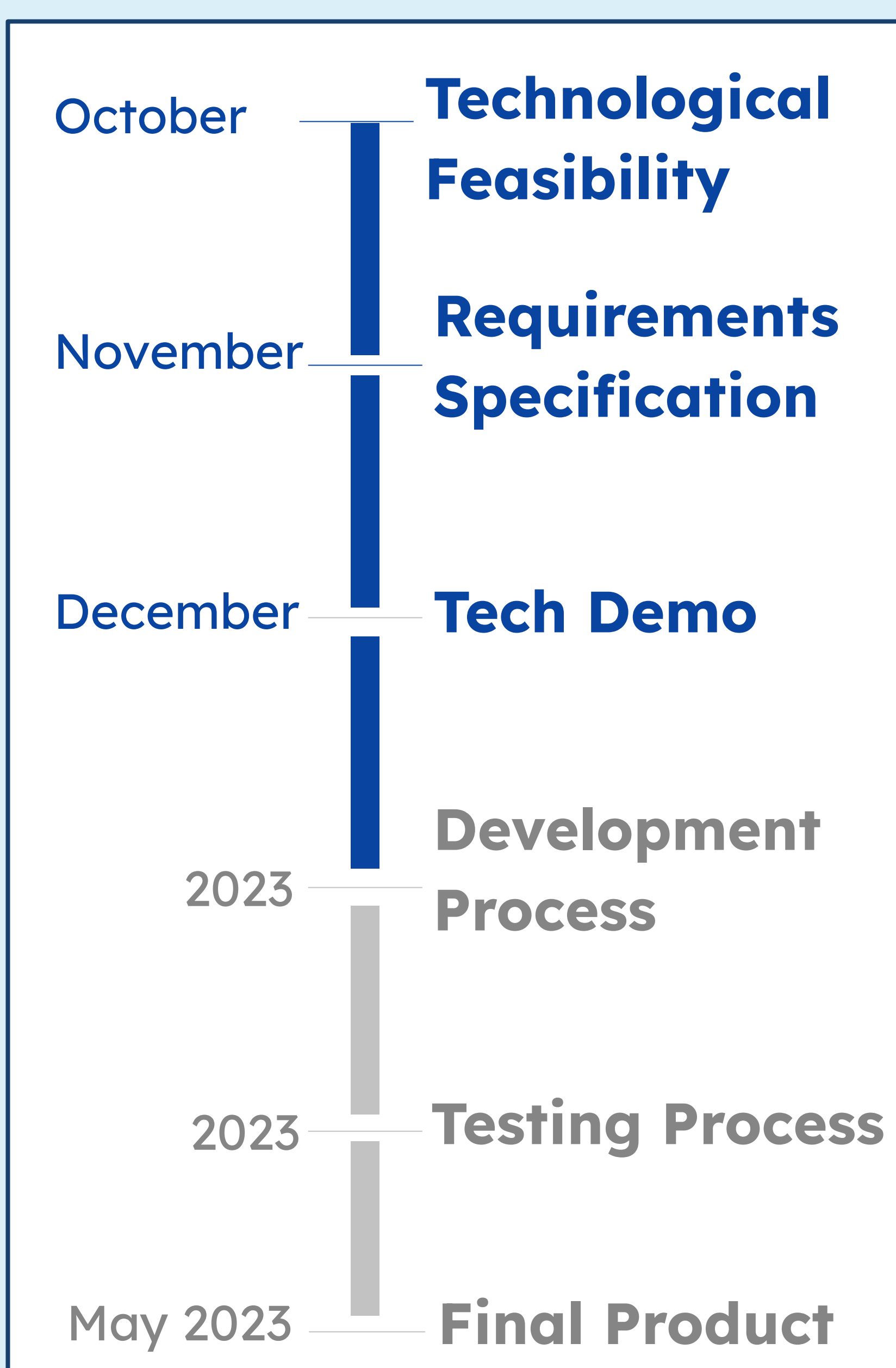
Key Features



Technologies



Current Status



Scan the QR Code to follow our development process next semester!

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