

MICHIGAN STATE

U N I V E R S I T Y

Alpha Presentation

Intelligent Real-World Text Recognition

The Capstone Experience

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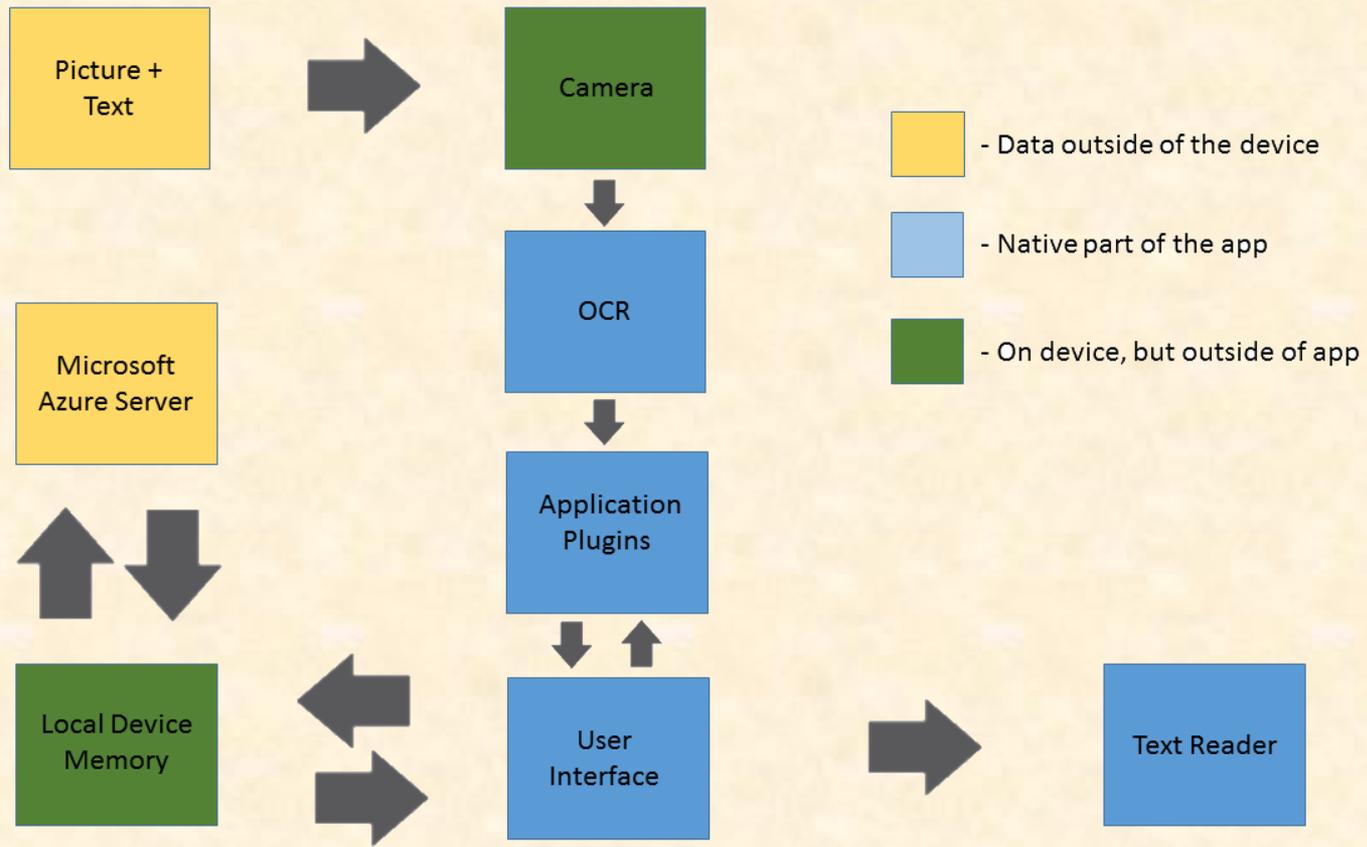
*From Students...
...to Professionals*

Project Overview

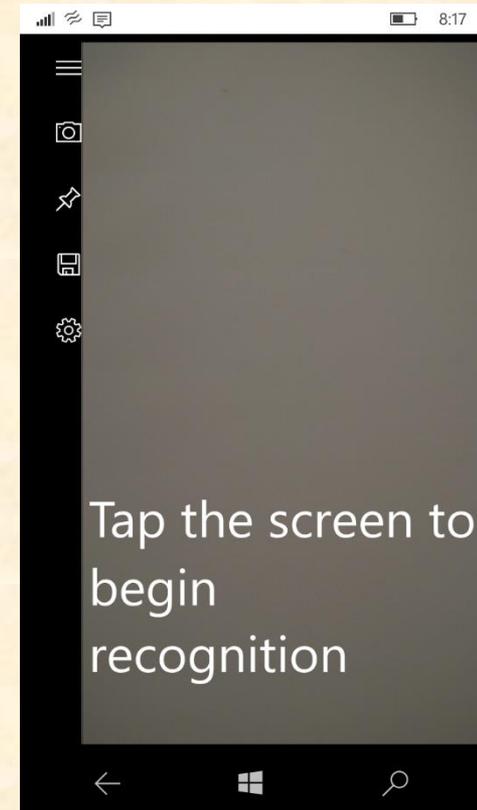
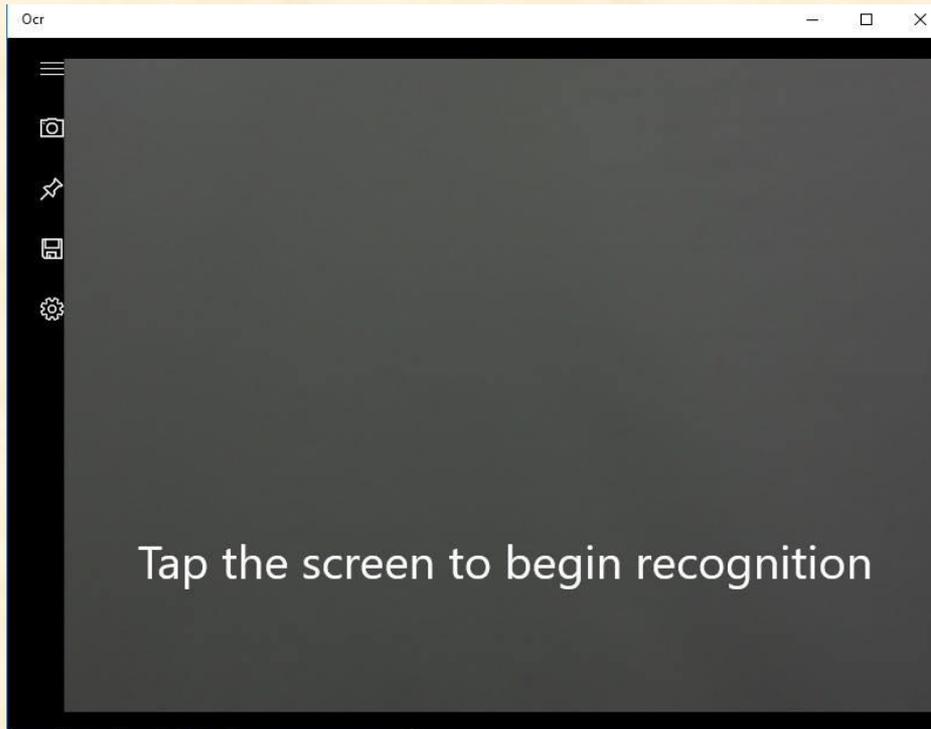
- Efficiently recognize text and perform appropriate actions
- Options to easily save text and retrieve for later use
- Accessibility for users who are visually impaired
- Windows 10 application supporting desktop, phone, tablet, Raspberry Pi



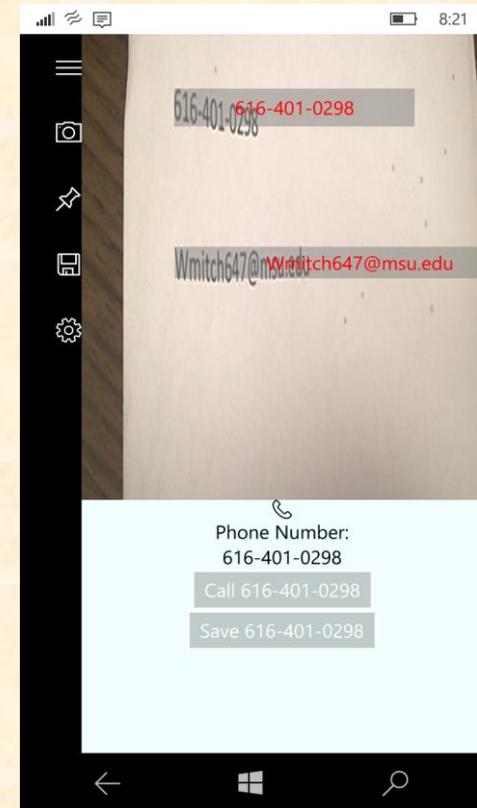
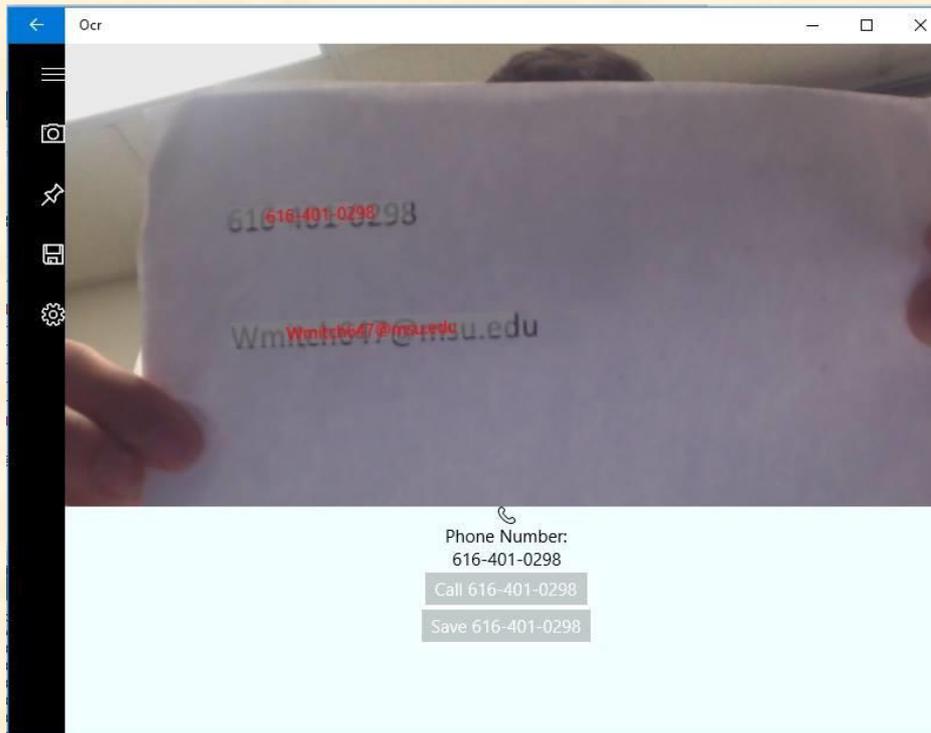
System Architecture



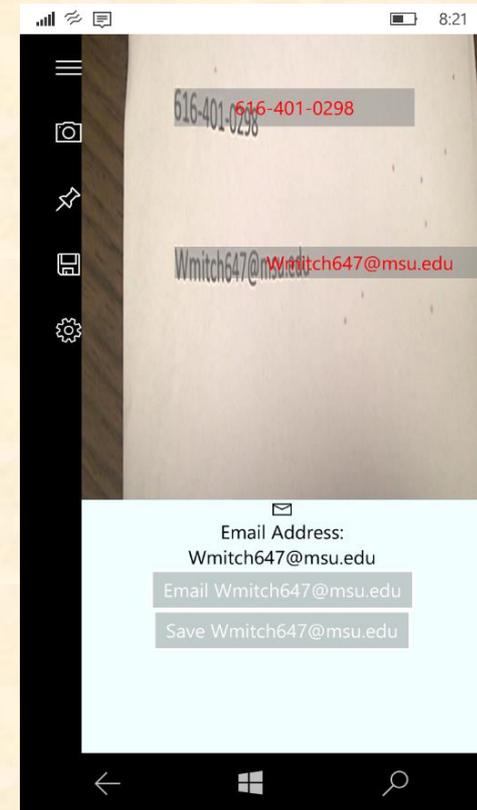
Camera Page



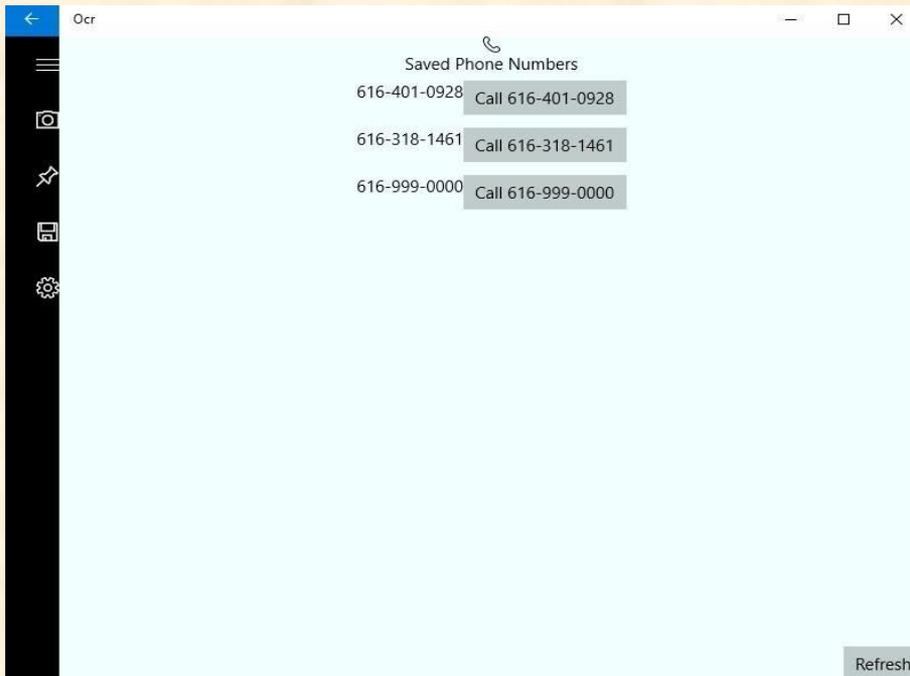
Results Page



Results Page



Database Integration



Database Application

001 002

Save to Database

Data

	Text	Save to database	Retrieve Data
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867-5309

Go green!

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What's left to do?

- Database implementation
- Finishing the rest of the launchers
- User interface implementation
- Account authentication
- Raspberry Pi
- Bug fixes and polish

