

**MICHIGAN STATE**  

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**U N I V E R S I T Y**

# Alpha Presentation

## AutoHook Mobile Redemption Tool

The Capstone Experience

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

Department of Computer Science and Engineering  
Michigan State University  
Spring 2020

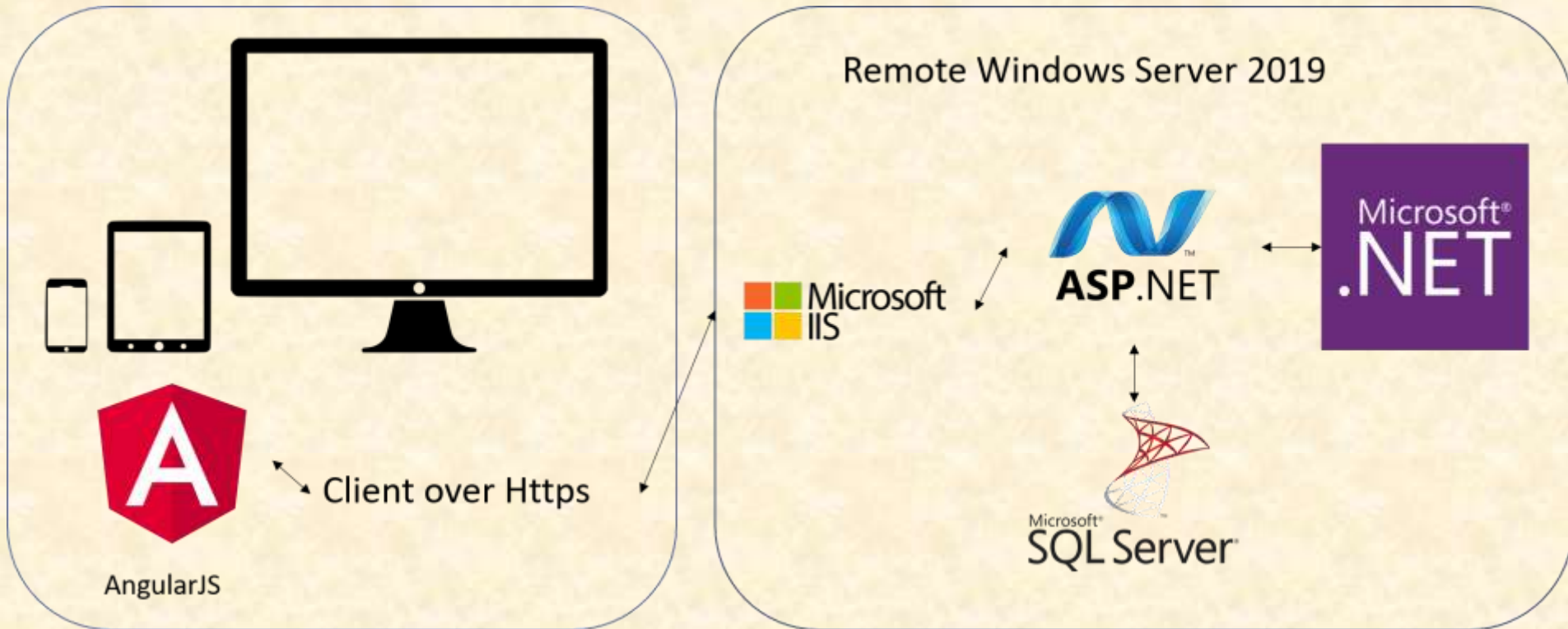
# Project Overview

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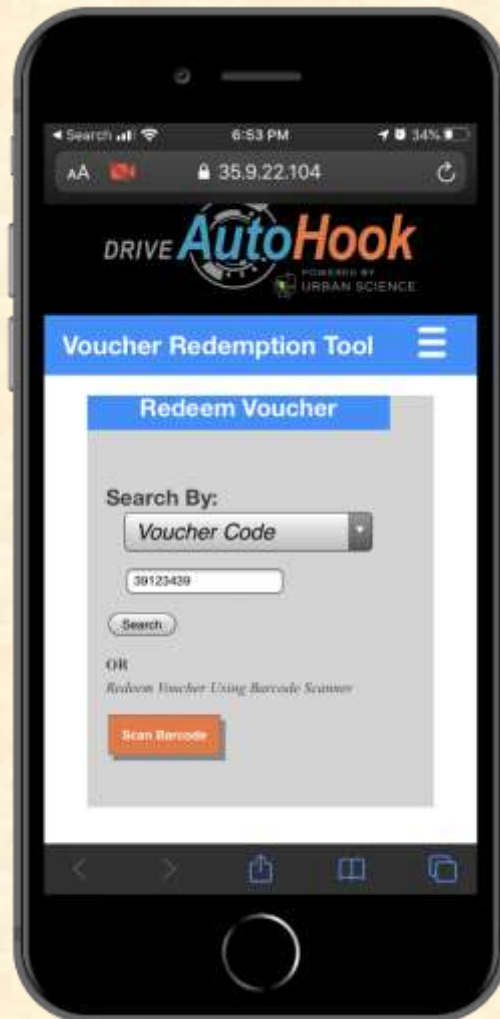
- Mobile web application used by auto dealerships
- Used for redemption of test drive vouchers
- Easy scanning of voucher barcodes
- Includes helpful statistics and calculated metrics page
- Dedicated Q&A section with documentation and training videos



# System Architecture



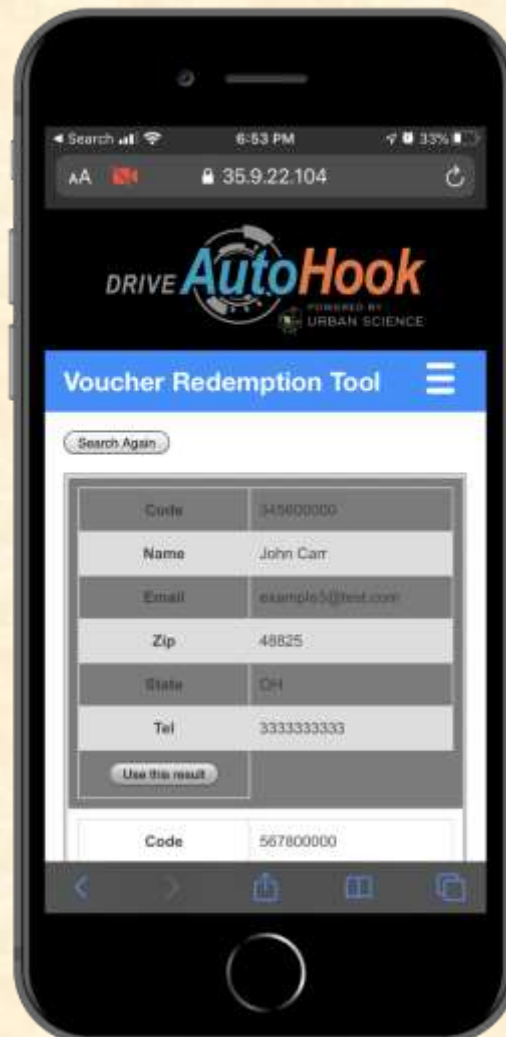
# Voucher Search



# Barcode Scan



# Search Results



# Voucher Redemption





# What's left to do?

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- Include additional fields for redemption
- Design and implement statistics page
- Design and implement Q&A section
- Improve stylization of web pages
- Implement duplication checking for addresses





# Questions?

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