


# Student's perception of Cypress software testing



# Summary

- Introduction
- Purpose
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- Development
- Run Tests
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# Introduction

- Fast software developing
- Provide a quality delivery

# Purpose

- Understand Cypress
- Hands-on Script tests

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# Literature Review

- Cypress Documentation
- Cypress JScript Tutorial
- End to End Testing

# Application context

- Insurance Sales Software
- Process of selling: 4 steps
- Cloud: Azure
- Front: Vue.js
- Back: C# .NET

## Scenario Test

- Insurance quotation
- Fill out all info
- Insure the workflow is working

## Development

- E2E Cypress
- Recording behavior
- Mocking Personal info
- Insert assets points
- Different environments

# Run Tests

# Demo

- Server
- Local

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# Conclusion

- **Strengths**
  - **Replicate user interaction**
  - **Easy code with Jscript**
  - **Re-run and re-watch tests**
- **Limitations**
  - **Faster than Application:**
    - **Total time script: 117,285 milliseconds**
    - **Wait function: 71,000 milliseconds (60.54%)**
  - **Different behaviors between Local and Server**