End of Semester Presentation
Team Members

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• Matthew Butz – CIT
• David James – CIT
Introduction

• Project Info
• Software and Hardware
• Problems Faced
• What We Have Done
• What’s Next
• Demo (App Install)
• Demo (Data Flow)
Project Info

• Background
  – TCU Institute of Behavioral Research
  – WaySafe/DRR1

• Grants
  – NIDA/NIH
WaySafe

• Largely positive results
  – WaySafe group had greater improvements than the control group
  – Improved knowledge, confidence, and motivation

• Became the framework for StaySafe
Technology

• Software
  – Eclipse (Luna)
  – Android SDK

• Hardware
  – Samsung Tablet running Android version 4.4.0+
  – Auxiliary Computers
Problems Faced

• Incorrect Assumptions
  – SD Card
  – Data Import/Export
• Size Limitations
• Time Constraints
• Physical Buttons
What We Have Done

• Began design
• Understood concepts
• Verified desired functionality was possible
• Data flow
• Documentation
What’s Next

• Finish Design
  – Further Refined
• Begin Functionality
• Version publishing application
• Other session types
# Schedule

<table>
<thead>
<tr>
<th>Item</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iteration 1 - Layout</td>
<td>December 19 – January 09</td>
</tr>
<tr>
<td>Iteration 2 - Functionality</td>
<td>January 30</td>
</tr>
<tr>
<td>Initial User Manual</td>
<td>February 3</td>
</tr>
<tr>
<td>Feedback (IBR)</td>
<td>by February 17</td>
</tr>
<tr>
<td>Iteration 3 – All Sessions</td>
<td>March 15</td>
</tr>
<tr>
<td>Feedback (IBR)</td>
<td>by March 22</td>
</tr>
<tr>
<td>Iteration 4 – Pre-Final Product</td>
<td>April 1</td>
</tr>
<tr>
<td>Customer/Developer Testing</td>
<td>April 1</td>
</tr>
<tr>
<td>Final Product</td>
<td>April 23</td>
</tr>
</tbody>
</table>
App Install

• Options
  – Internet
  – SD Card
  – USB
Resources

Institute of Behavioral Research

- TDL-DR
- PowerPoint 1
- PowerPoint 2
- PowerPoint 3
- Research Strategy
- DRII Formulation 1
- DRII Formulation 2

Download our Application

- File IO Demo
Data Flow

• What to Notice:
  – Data In Location
  – Data Population
  – Data Out Location
  – Database Connectivity
Enter Question 1
What is your favorite color?

Enter Question 2
What is your least favorite color?

Choose Image...
What is your favorite color?

Purple and White

What is your least favorite color?

Gold and Green

Save Responses
The Text Wizard has determined that your data is Fixed Width.

If this is correct, choose Next, or choose the data type that best describes your data.

Choose the file type that best describes your data:
- **Fixed Width**: Fields are aligned in columns with spaces between each field.

Start import from: 1  File name: 437: OEM United States

Preview of file:
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<table>
<thead>
<tr>
<th>Question 1</th>
<th>Question 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purple and White</td>
<td>Gold and Green</td>
</tr>
</tbody>
</table>
```

Excel sheet:
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<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Question 1</td>
<td>Question 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Purple and White</td>
<td>Gold and Green</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
```