Visionaries
Eye Dominance Detection Instrument (EDDI)

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December 5th 2014
Roles

- **Chris:**
  - Customer Liaison
  - Phablet Researcher
  - Application Designer

- **Kara:**
  - Project Coordinator
  - Lens Designer

- **Yingxing:**
  - Scribe
  - 3D Modelling

- **Zhengsheng:**
  - Document Management
  - Application Designer
Brainstorming

- Housing: similar to Google Cardboard
- Raspberry Pi instead of phablet?
- Pixel density necessary for well defined sinusoidal pattern
Timeline

December
- Meet with Len to discuss testing process and potential designs
- Finalizing housing design

January
- Purchase Phablet
- Begin coding and collaborating with Len
- Purchase lenses

February
- Start and complete 3D Model design
- Purchase Printing Spool
- 3D Printing the design

March
- Test run prototype and obtain experimental data.
- Finish Beta testing of application.

April
- Optimize EDDI application to fit desired testing time
- Organize results

May
- Make poster presentation
Required Resources

**Space:** No additional space requirements

**Additional Advisor(s):** Computer Science consultant

**Equipment:** 3D Printer

**Software:** Code V, CAD, Android Studio/ Xcode
**EDDI BUDGET**

**BUDGETED AMOUNT**
$2,000.00

**TOTAL COSTS**
$1,200.00

**DIFFERENCE**
$800.00

**BUDGET VS. COSTS**

**PROTOTYPE EXPENSES**

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