



TEAM PODEMONIUM

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MISSION

To empower presenters by simplifying setup and presentation in unfamiliar spaces.



USER RESEARCH

USERS & USE CASES

Users

Professors
 Adjunct
 Full-Time
Teaching Assistants
Staff
Students
Presenters
 Professional
 Academic

Use Cases

Non-Video Conference
Only Classes
Video Conference Classes
Seminars & Presentations
Work and Study Space
Orientation
Conferences
Workshops



USER RESEARCH

Primary Sources

- **Keegan**, Teaching Assistant
- **Amanda**, Administrator
- **Jeff**, First Time User
- **Aditi**, Student
- **Jack**, Student
- **Elizabeth**, Educator
- **Suqin**, Professional

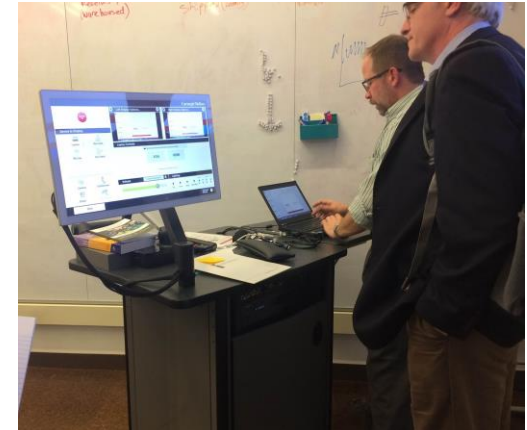
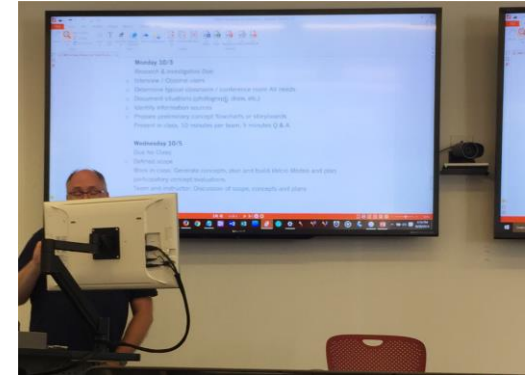
...and general observation

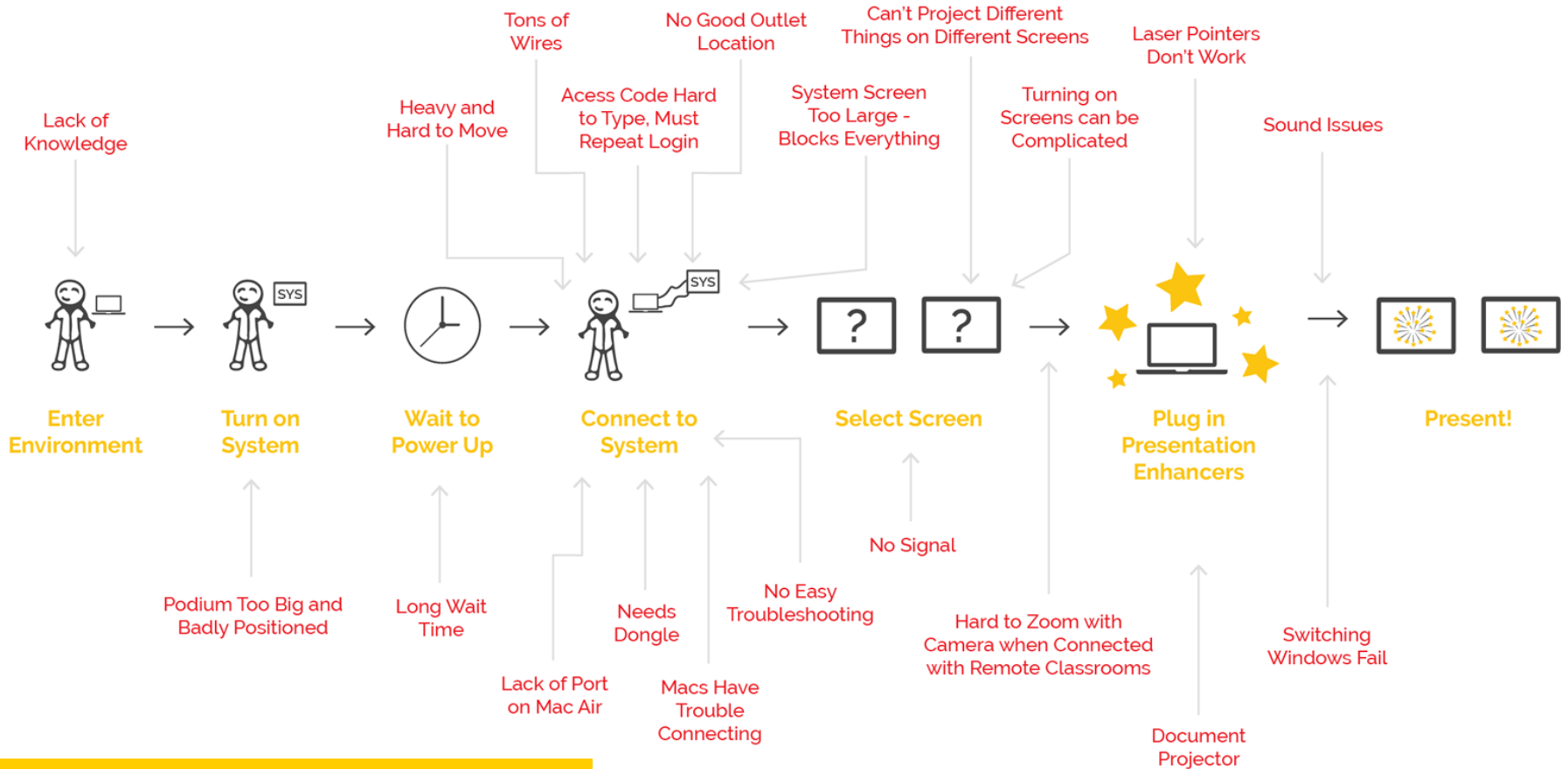
Secondary Sources

Chris Jenkins. *Common HDMI problems and solutions.* Feb. 2011

Youtube - HDMI Input Problems

Youtube - 2 Ways CONNECT PC TO HD TV, Tech tips 17





USER JOURNEY MAP



FIRST ITERATION PROTOTYPE



Velcro Model

LECTERN TEST POINTS

Screen

removable control screen

Dimension

three different sizes for top surface
and one fixed height

Angle

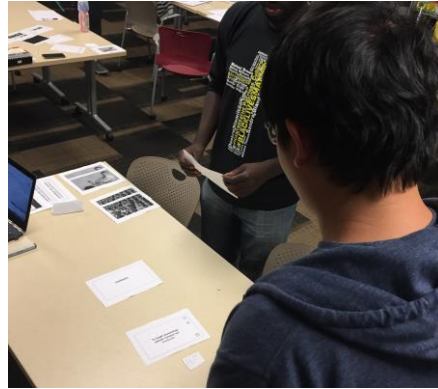
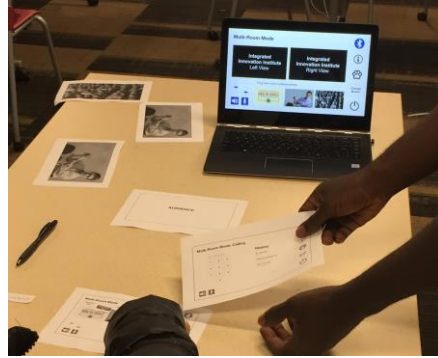
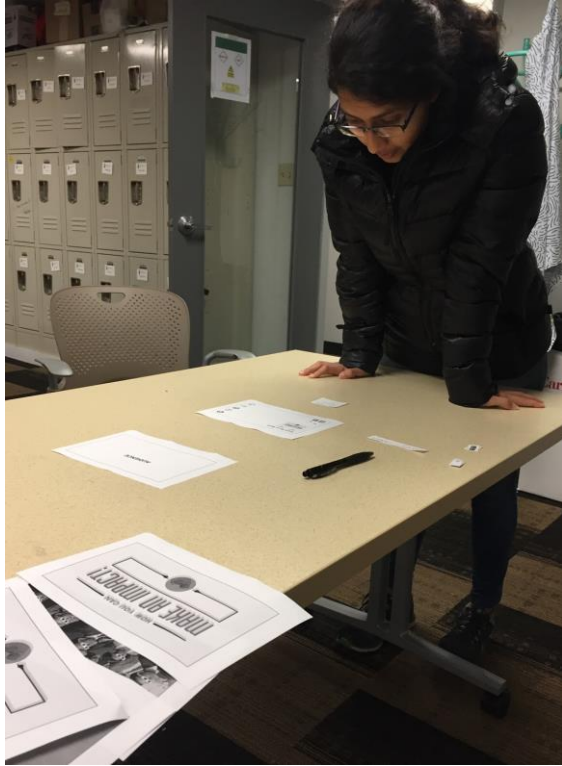
adjustable angle

PODIUM TESTING RESULTS

| User | Screen Location Test | Podium Dimension Test | Angle Test |
|-----------------|-----------------------|-----------------------------------|------------------------------------------------|
| <i>Fifi</i> | Front, larger, higher | Extra space needed | Large for whole screen, slight/flat for laptop |
| <i>Jack</i> | Side | Medium | Flat or slight |
| <i>P.Y.</i> | Side | Large but the edge won't come out | Adjustable |
| <i>Keegan</i> | Movable, side, higher | Rectangle, more space | Slight, flat-no sliding |
| <i>Tongtong</i> | Front | Small | Adjustable |

HEIGHT TESTING RESULTS

| User Height | Minimum | Maximum | Preferred |
|-------------|---------|---------|-----------|
| 5'2 | 40" | 40" | 40' |
| 5'2 | 40" | 40" | 40" |
| 5'10. | 38" | 45" | 42" |
| 6'3 | 39" | 45" | 45" |



UI TESTING

Usability Testing

Ability to complete a task, ease of completion

A/B Testing

Ability to complete a task easily and efficiently, preference

Paper Models



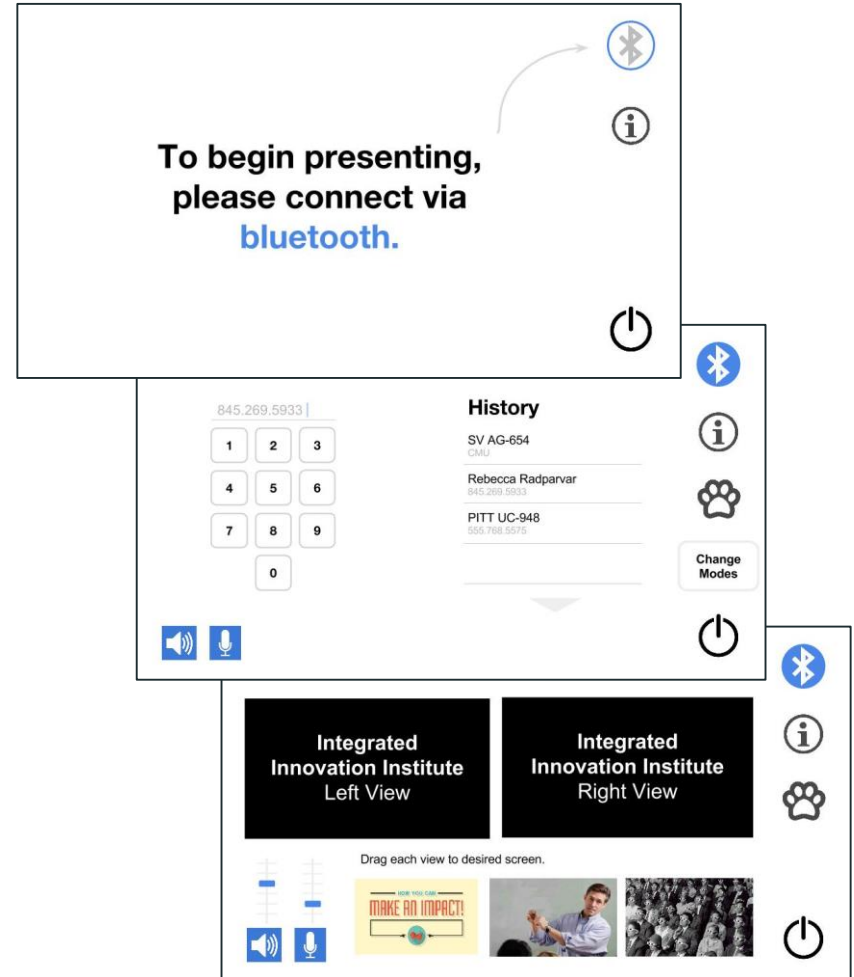
SECOND ITERATION DESIGN

INTRODUCING...

(WI-) **FIDO**



FINAL DESIGN



PRODUCT FEATURES

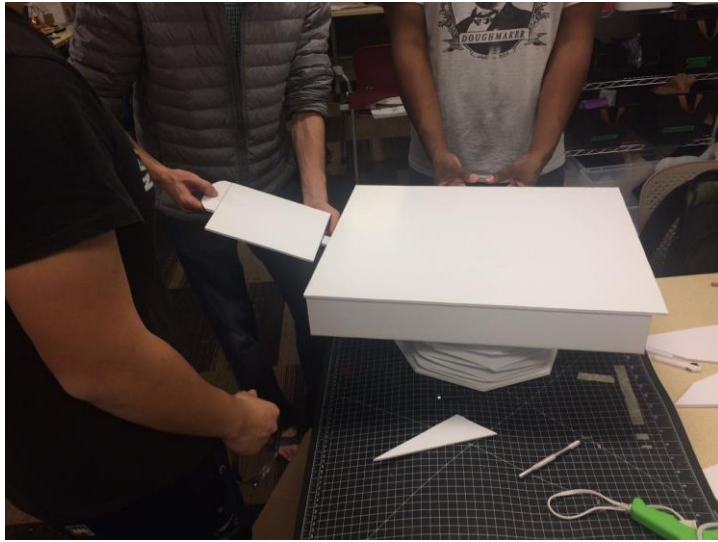
- Changes Height
- Promotes Audience Interaction
- Sliding Adjustable Angle Screen
- Collapsible/Portable
- Intuitive UI





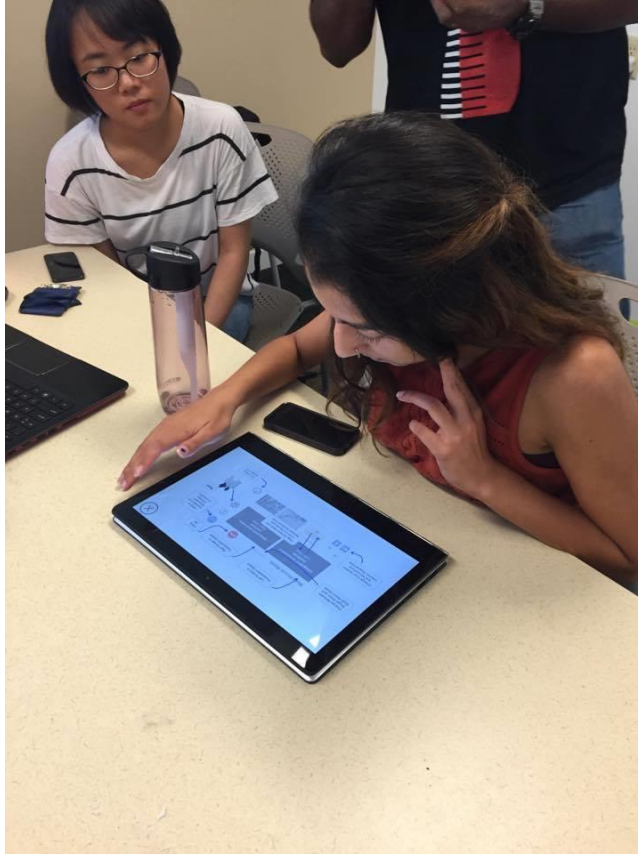
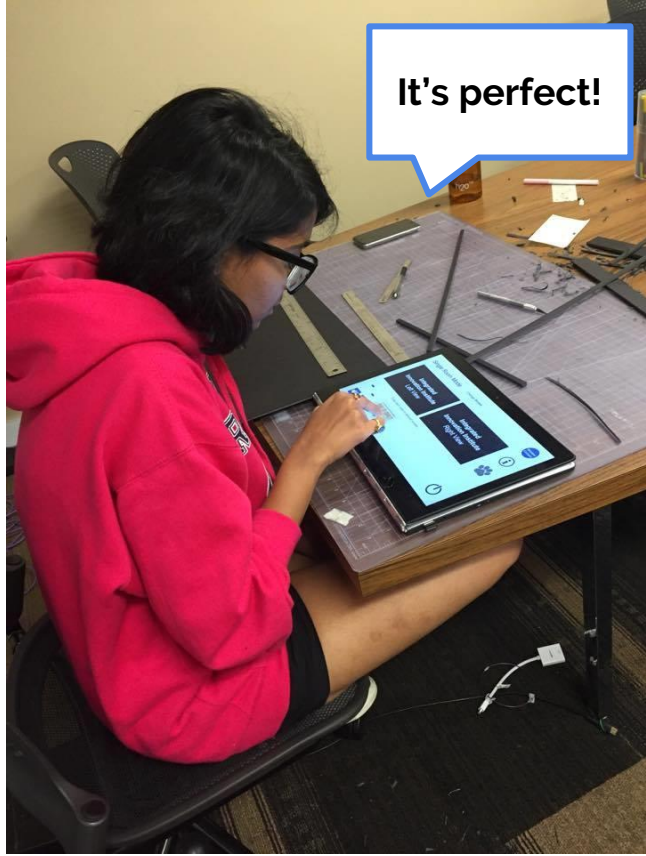
USER TESTING & FEEDBACK

PART TWO



LECTERN TESTING

| Surabhi | Haorong | Jamie | Advait |
|----------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------|
| Like the origami design; Can play with it | Concern about Stable/Shaking bottom; Likes sliding screen; Prefer larger size top table | Love the design The height is fine | Cool; Great design/idea; Prefers more room for mouse |



UI TESTING

THANK YOU!

