



**LYRASIS Catalyst Fund
&
UNC Charlotte**
Library & Internet of Things (IoT)



Goal(s)

- Aid patrons in discovery of library resources and services.
 - Develop library system IoT API integrations
 - Deploy IoT devices within test environment
 - Conduct Usability Test
 - Share Actions and Hardware/Software Kit Recommendations
 - Deliver White Paper & CNI Presentation



Test Case – Group Study Reservations



Usability Study Findings

- 4 Participants
- One Task – Reserve a room
- Wanted more options
- Question/Response (1 at a time)
- Questions about noise interference
- Want multiple phrases per task
- Would like swipe/tap confirmation
- Overall loved concept
- Use on personal devices



Catalyst Fund

- IoT Devices: Amazon Alexa, Google Home, Apple Homepod, Raspberry Pi
- Training
- Holosonic Audio Spotlight
- Usability Testing
- Whitepaper
- Presentation
- Actions
- Kit Recommendation(s)

• Insert Picture





TIMELINE

2017	2018
Dec. Equipment Ordered	Jan. Feb. Development Begins



March	April	May
Usability Testing	Revisions Made	



A horizontal timeline arrow pointing from left to right, labeled 'June' at the start and 'December' at the end. Below the arrow, a list of milestones is provided:

- Actions Available
- White Paper Available (including Usability Study)
- Hardware/Software Kit Recommendations

At the end of the timeline (December), the text 'CNI Presentation' is displayed. The bottom of the graphic features a green silhouette of a city skyline. On the left is the 'LYRISIS' logo with an orange star. On the right is the 'UNC CHARLOTTE' logo with a green tree icon and the slogan 'STAKE YOUR CLAIM' with the website 'WWW.UNC.EDU' below it.
