

Application Type

- Mobile App

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Advertisement

- general school email about the app

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Basic Features

- Map of library's third floor
- Map of library's second floor
- Map of library's first floor
- Room selection
- Available/Occupied Toggle
- View room status
- Desk lamp (available or not)

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Feedback

- End-of-semester survey (sent through email)
- Paper survey in library (goes into suggestion box)

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Hurdles

- Linking the status of a room in reality to the status on the app
- Updating the state of a desk lamp to reflect in the app

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Tech Stack

- JavaScript (front end)
- HTML (front-end)
- CSS (front end)
- React (front end)
- Java (Backend language)
- Python (Backend language)
- MongoDB (Database)

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