# Creating technology that informs students looking for seats in Snell Library that space if

available.

I am thinking about using RFID for our project and seems great application that can track inventory for books , control access, track staff and students and so on.

Ideas :

Scale – Unfavorable 1 & Favorable 5

1. Radio-frequency Identification

|  |  |  |
| --- | --- | --- |
| Factors | Weighted | Non-weighted |
| Time |  |  |
| Cost |  |  |
| Risk |  |  |
| Scope |  |  |
| Profit (Not Economical) |  |  |
| Priority |  |  |

1. RFID : Hardware & NUGO: Software (App)

|  |  |  |
| --- | --- | --- |
| Factors | Weighted | Non-weighted |
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| Scope |  |  |
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| Priority |  |  |

1. <http://www.eui.illinois.edu/Docs/LeeSp11.pdf> (Generic System)

|  |  |  |
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1. **OccupEye: Hardware & NUGO: Software (App)**

|  |  |  |
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Radio-frequency identification (RFID)

**How is RFID Used in the Real World**

* Logistics & Supply Chain Visibility. Winning in the supply chain means increasing efficiency, reducing errors, and improving quality. ...
* Item Level Inventory Tracking. Atlas RFID Store. ...
* Race Timing. ...
* Attendee Tracking. ...
* Materials Management. ...
* Access Control. ...
* IT Asset Tracking. ...
* Tool Tracking.

## Library Systems

An RFID library solution improves the efficiency of circulation operations. While barcodes require line of sight, RFID tags can be read from multiple angles which means the checkout and check-in process is significantly faster. Also, as noted above in the retail section, taking inventory of books on the shelf is dramatically faster.

(<https://www.atlasrfidstore.com/rfid-insider/what-is-rfid-used-for-in-applications/>)

PROJECT DECIDED: **OccupEye: Hardware & NUGO: Software (App) technology for students to know**

**If seat is available at Snell Library.**

**Project Charter**

The following should be included:

* Project purpose :
* What is in scope
* What is out of scope

(If a task was not included in the original project plan and does not contribute to the project’s objective, it is likely out of scope).

* Start and end dates
* Milestones (Important Achievements WRT time)

(A **project milestone** is a way to observe, measure and monitor the progress and/or performance of a project – Google).