User Needs Report: Library Integration
Spring 2019

Context
Currently, integration between Library Resources and NYU Classes is a one-way street; the Library tab in Classes leads students to a landing page in the Bobst website that provides information for students and faculty. The student page provides links to useful information on using the Library to conduct research, but no sort of pass-through for students to add Library content to the NYU Classes site. The faculty page includes information on adding links to the Classes site, but the process involves multiple steps; the Library only automates the process if the links page lives in the Bobst Course Reserves tab on Bobcat (not on NYU Classes). Use of Library resources would increase significantly if the one-way street could be expanded into a multi-lane, bi-directional highway that allowed easy integration of Library resources into Classes sites by both students and faculty (particularly into Lessons, Syllabus, Assignments, and Resources).

Definitions
- E-resources: Library resources that are available in digital, online form, regardless of medium (text, audio, video, etc.)

Needs
Baseline Needs
- SSO
- Accessible
- LTI-compliant
- NYU Analytics standards compliant

- Automation of process for link creation from different Library databases to allow the forms of access/addition to Classes listed below (currently, the user must determine the kind of database in which the resource resides and take the prescribed steps to create the correct format for the link - the idea is to automate that process when a Library resource is pulled into a Classes site):
  - Access for both students and faculty to personal E-Shelf Library e-resources from a button in the rich-text editor in the relevant Classes tabs (e.g., Syllabus, Lessons, etc.) [See NYU-Stream button for model] or add as content to Classes site (eg, in Lessons tool).
    - Ability to do same as above from the menu attached to a folder in Resources
○ Ability for both students (with permission) and faculty to add link to E-Shelf Library e-resources from a button in the rich-text editor in the relevant Classes tabs (e.g., Syllabus, Lessons, etc.) [See NYU-Stream button for model] or add as content to Classes site (e.g., in Lessons tool)
  ■ Ability to do same as above from the menu attached to a folder in Resources
  ■ Ability to link to a specific location (page or chapter) in a Library textual e-resource
  ■ Ability to link to a specific time in a Library audio/visual e-resource
○ Ability to add embed of E-Shelf Library e-resources from a button in the rich-text editor in the relevant Classes tabs (e.g., Syllabus, Lessons, etc.) [See NYU-Stream button for model] or add as content to Classes site (e.g., in Lessons tool)
  ■ Ability to do same as above from the menu attached to a folder in Resources
  ■ Ability to embed at a specific location (page or chapter) in a Library textual e-resource
  ■ Ability to embed at a specific time in a Library audio/visual e-resource
○ Ability to search Library e-resources without leaving Classes site (e.g., by a link that opens as embedded page in an iframe).
○ Ability to embed audio/video from Library resources from a button in the rich-text editor in the relevant Classes tabs (e.g., Syllabus, Lessons, etc.) [See NYU-Stream button for model] or add as content to Classes site (e.g., in Lessons tool)
  ■ Ability to do same as above from the menu attached to a folder in Resources

● Ability to share integrated Library resources across Classes sites or from one semester to another

● While point-of-contact embedding/linking of resources (outlined above) would best meet user needs, having the Course Reserves tab for a course appear as a page in NYU Classes would be a second-best way to improve the current situation.

Eventual Needs
● Ability to annotate Library resources within Classes site (restricted to users on the class roster) - both text and video
● Ability for individual user to request:
  ○ items not currently available in electronic form be added either as pdf or similar format
  ○ Items not currently available in electronic form be acquired in electronic form
  ○ library guides be added to an NYU Classes site (e.g., as tab in left-hand menu) at instructor’s discretion
● Automated left-hand nav link to library guide for course, depending on course type’s subject matter.
● Ability to perform all functionalities with a choice of libraries from which to draw
resources.

- Option for download to Resources of Library items that are available in suitable formats (pdf, permalink, etc.)
- Metadata in an accessible form accompanying each item added from Library e-resources.

**Nice to Have**

- Ability to attach a discussion to Library resources within Classes site (restricted to users on the class roster) - presumably using the under-development Conversations tool