**Use Case Descriptions 1-4**

|  |  |  |
| --- | --- | --- |
| **Use Case 1 Name:** | **System Linkage** | |
| Triggering Event: | School partners with B&N to utilize school related textbooks and resources. School grants permission for their LMS to link to B&N’s system. Textbook company participation with B&N to sell schools resources through B&N platform. | |
| Actors: | Educator, B&N retailor, Textbook Company | |
| Stakeholders: | School educators, B&N staff and shareholders, textbook company representatives. | |
| Pre-conditions: | B&N offers textbook and resource benefits to schools primarily for K-12. Access to resources will be available through B&N’s system which will be linked to the schools already existing Learning Management Systems. | |
| Post-conditions: | School partners with B&N to obtain resources for instructors and students. | |
| Flow of Activ  ities: | Actors | System |
| 1. Learning Management system administrator edits school LMS to accommodate B&N links or resources. 2. User accesses B&N system through school LMS via links. User views account page and authorized materials. User navigates textbook materials or leaves page to purchase additional resources. 3. User decides not to purchase materials currently and navigates back to school LMS by clicking an available link. | * 1. System saves and updates changes implemented by administrator.   2. System opens via links through school LMS.   3. Textbooks and materials available to active user account are shown on interface.   4. System opens store front to purchase additional resources.   5. System closes as user exits. |

|  |  |  |
| --- | --- | --- |
| **Use Case 2 Name:** | **System Accessibility** | |
| Triggering Event: | Student/Instructor needs to purchase or access textbook materials and resources for class. | |
| Actors: | Student, Instructor | |
| Stakeholders: | B&N Retailor, Textbook Retailors, School, Educators, Student Base | |
| Pre-conditions: | School Learning Management System should assemble course content to include access to B&N store and materials. Student or Instructor should be added as an authorized user via the online course (LMS). | |
| Post-conditions: | Student and educator can purchase or access textbooks and materials successfully through the B&N system linked through school’s existing Learning Management System. | |
| Flow of Activities: | Actors: | System: |
| 1A. Student needs to purchase textbook for class and can access options through the Barnes and Noble System.  1B. Educator needs to purchase class materials or make materials accessible for students (access code, etc.)  2. Either actor should create an account or login to system if account exists.  3. From account page navigate to materials already purchased or purchase materials for use. | 1.1 Student or Instructor logins into school’s LMS system first.  1.2 System responds to user prompt to open B&N portal.  2.1 System prompts user for login information or to create an account.  3.1 System opens user account information and options for textbook library or to purchase more materials. |

|  |  |  |
| --- | --- | --- |
| **Use Case 3 Name:** | **Textbook/Resource Purchases** | |
| Triggering Event: | Student/Instructor needs to complete a purchase for textbooks or resources for registered course. | |
| Actors: | Student, Instructor, B&N shipping team | |
| Stakeholders: | B&N Retailor, B&N Shipping staff, Textbook Company. | |
| Pre-conditions: | User needs to purchase materials to use for class. B&N products for sale should be available to student or instructor to purchase through partnership with school and links through school LMS. Student/Instructor will access B&N storefront by logging in under student/instructor account to complete order. | |
| Post-conditions: | Order has been completed by user and order information submitted to the B&N shipping team for processing. Confirmation page was received by user as well as authorized payment information. | |
| Flow of Activities: | Actors | System |
| 1. User (student/instructor) needs to purchase materials for course. 2. User logs in to account to view product information (textbooks/resources). 3. User selects from inventory and adds products needed to cart. 4. User completes check out and submits order to shipping team for processing. | * 1. System generates product information pulled from textbook/resource database to product to user for viewing.   2. System provides product details when item is selected.   3. System provides interface to add product to cart and select cart to complete purchases or cancel order if needed.   4. System processes payment information for order and generates order number.   5. System returns order confirmation page to user when order is completed.   6. System submits forwards information to shipping team for processing. |

|  |  |  |
| --- | --- | --- |
| **Use Case 4 Name:** | **Instructor/Admin Access** | |
| Triggering Event: | Course content/materials or account needs to be updated to provide new content to student base, or update settings. | |
| Actors: | Instructor | |
| Stakeholders: | Educators, and B&N Retailor. | |
| Pre-conditions: | Updates are needed to B&N user account or course content provided to user base. Teaching materials may also need purchased for instructor. | |
| Post-conditions: | Account information is up to date for administrator (instructor). Content provided to user (student) base is accurate and updated. | |
| Flow of Activities: | Actors | System |
| 1. Instructor logs in to account to update account information or contact information. 2. Instructor adds course content and resources for student use. 3. Instructor clicks link to B&N system for resource purchases. | * 1. Administrator account opens upon login.   2. Account information is presented to user, and purchase options as well as settings are visible on the interface.   3. B&N system saves any changes to settings or account information   4. System updates, stores data and saves when user adds new content or makes changes to available content.   5. Any new content added is made available to user and designated user base by administrator settings implemented. |