

Library Management System User Stories (Agile)

All user stories at the planned phase

The screenshot shows the HacknPlan Agile software interface. On the left is a sidebar with navigation links: New, Dashboards, Boards, Pre-production (1), User Stories (selected), Pre-alpha, Alpha, Beta, Release candidate, Gold candidate, Post-launch, Backlog, Design Model, Reports, Calendar, and Storage. The main area is titled "User Stories" and displays a backlog of 12 user stories. The backlog is organized into four columns: "Planned" (12 stories), "In Progress" (0 stories), "Testing" (0 stories), and "Completed" (0 stories). Each story is represented by a card with a small icon, a story ID, and a brief description. The "Planned" column contains stories #1 through #12.

Phase	User Story ID	Description
Planned	#1 Add User	Add User
Planned	#2 Login	Login
Planned	#3 Add Book	Add Book
Planned	#4 Edit Book	Edit Book
Planned	#5 Delete Book	Delete Book
Planned	#6 Search	Search
Planned	#7 Book Details	Book Details
Planned	#8 Borrowing Book	Borrowing Book
Planned	#9 Returning Book	Returning Book
Planned	#10 Calculating Fines	Calculating Fines
Planned	#11 Borrowing Books Report	Borrowing Books Report
Planned	#12 Late Books Report	Late Books Report

Follow the link Agile Model: <https://app.hacknplan.com/p/231467>

User Story #1: Add User

The screenshot shows a digital workspace for managing library operations. On the left, a sidebar lists various project phases: Pre-production (1), Pre-alpha, Alpha, Beta, Release candidate, Gold candidate, and Post-launch. Below this are sections for Backlog, Design Model, Reports, Calendar, Storage, and Administration. The main area is titled 'User Stories' and displays a Kanban board with three columns: 'Planned', 'In Progress', and 'Completed'. The 'Planned' column contains cards for '#1 Add User', '#2 Login', '#3 Add Book', '#4 Edit Book', '#5 Delete Book', '#6 Search', '#7 Book Details', '#8 Borrowing Book', '#9 Returning Book', '#10 Calculating Fines', '#11 Borrowing Books Report', and '#12 Late Books Report'. The '#1 Add User' card is highlighted with a yellow border. To the right of the board is a detailed view of this story, titled '#1 Add User'. It includes a 'Description' section with the following text:

As an Admin
I want to add new users to the system So that librarians and members can use the library services.

- The User Name must be unique.
- Choose the role of (Admin / Librarian / Member).
- A success message appears after adding.

User Story #2: Login

This screenshot shows the same library management system interface. The 'User Stories' board is visible, with the '#2 Login' card highlighted in the 'Planned' column by a yellow border. To the right is the detailed description for this story, titled '#2 Login':

As a user
I want to log in using my user Name and password
So that I can access the system features based on my role
whatever the user maybe:

- Admin.
- Librarian.
- Member.

Every action there will be a message describes the status of the login action.

User Story #3: Add Book

The screenshot shows a library management application's user interface. On the left is a sidebar with navigation links like 'New', 'Dashboards', 'Boards', and 'Pre-production (1)'. Under 'Pre-production (1)', 'User Stories' is selected, highlighted with an orange background. The main area is titled 'User Stories' and shows a board view with two columns: 'Planned' (12 items) and 'In Progress' (0 items). A specific user story, '#3 Add Book', is selected and highlighted with a yellow arrow pointing to its details panel on the right. The details panel for '#3 Add Book' includes a title, board information ('Pre-production / User Stories'), stage ('Planned'), and a 'Description' section. The description text is:

As a Librarian
I want to add new books to the library so that members can borrow them.

- insert (ISBN, title, author, category, copies).
- copies does not accept 0.
- Book title appears in the search.

User Story #4: Edit Book

This screenshot is similar to the previous one, showing the same library management application interface. The 'User Stories' section in the sidebar is selected. In the main board view, the 'Edit Book' item is selected and highlighted with a yellow arrow pointing to its details panel on the right. The details panel for '#4 Edit Book' includes a title, board information ('Pre-production / User Stories'), stage ('Planned'), and a 'Description' section. The description text is:

As a Librarian
I want to update book information so that the library data stays accurate.

- update book title.
- update copies number.

User Story #5: Delete Book

The screenshot shows a library management application interface. On the left, there's a sidebar with navigation links like 'New', 'Dashboards', 'Boards', 'Pre-production (1)', 'User Stories' (which is selected and highlighted in orange), 'Backlog', 'Design Model', 'Reports', 'Calendar', and 'Storage'. The main area is titled 'User Stories' and shows two columns: 'Planned' (12 items) and 'In Progress' (0 items). A list of user stories is displayed, each with a small icon and a story ID. Story #5, '#5-Delete Book', is highlighted with a yellow arrow pointing to it. To the right, a detailed view of story #5 is shown, including its description: 'As a Librarian, I want to remove a book from the system so that unavailable books are not listed.' It also lists notes: 'there is no borrowing book can be deleted from the system.' and 'may be adding ensure message to delete the book.' There are buttons for '+ New', 'Search', 'Track time', 'Customize', and a 'Planned' stage indicator.

User Story #6: Search

This screenshot is similar to the previous one, showing the same library management application interface. The sidebar and 'User Stories' list are identical. Story #6, '#6-Search', is highlighted with a yellow arrow. The detailed view for story #6 includes the description: 'As a Member and Librarian, I want to search for books by title or author so that I can find books easily.' It also specifies what to search by: 'Book number, Book Title, Book Author, Book Category.' The right panel contains buttons for '+ New', 'Search', 'Track time', 'Customize', and a 'Planned' stage indicator.

User Story #7: Book Details

The screenshot shows a software interface for 'Library Management'. On the left, a sidebar lists project phases: Pre-production (1), User Stories, Backlog, Design Model, Reports, Calendar, and Storage. Under 'User Stories', 'Pre-production' is selected. The main area displays a 'User Stories' board with two columns: 'Planned' (12 items) and 'In Progress' (0 items). A yellow arrow points from the 'Book Details' item in the 'Planned' column to the detailed view on the right. The detailed view for 'Story #7 Book Details' shows the board is 'Pre-production / User Stories' and the stage is 'Planned'. The description reads: 'As a Member I want to view book details So that I know if the book is available.'

User Story #8: Borrowing Book

The screenshot shows the same software interface as the previous one. A yellow arrow points from the 'Borrowing Book' item in the 'Planned' column to the detailed view on the right. The detailed view for 'Story #8 Borrowing Book' shows the board is 'Pre-production / User Stories' and the stage is 'Planned'. The description reads: 'As a Member I want to borrow a book So that I can read it now'. Below the description, there are two bullet points: 'Max copies 3 books only.' and 'the book must be available.'

User Story #9: Returning Book

The screenshot shows a software interface for library management. On the left, there's a sidebar with navigation links like 'New', 'Dashboards', 'Boards', and 'User Stories'. The 'User Stories' link is highlighted. The main area is titled 'User Stories' and shows a board with two columns: 'Planned' (12 items) and 'In Progress' (8 items). The 'In Progress' column is highlighted in blue. A yellow arrow points from the text below to the '#9 Returning Book' card in the 'In Progress' column. The card has a 'Description' section with the following text:

#9 Returning Book

As a Member I want to return borrowed books So that I avoid fines.
• If the member did return the book display there is nothing to fine.

User Story #10: Calculating Fines

The screenshot shows the same software interface as the previous one. A yellow arrow points from the text below to the '#10 Calculating Fines' card in the 'In Progress' column. The card has a 'Description' section with the following text:

#10 Calculating Fines

As a Librarian I want the system to calculate late times automatically So that penalties are applied fairly.

User Story #11: Borrowing Books Report

The screenshot shows a software interface for library management. On the left, there's a sidebar with navigation options like 'New', 'Dashboards', 'Boards', and 'Reports'. Under 'Reports', 'User Stories' is selected. A main panel displays a 'User Stories' board with two columns: 'Planned' (12 stories) and 'In Progress' (0 stories). The story '#11 Borrowing Books Report' is highlighted with a yellow arrow pointing to its details. The story card includes a 'Description' section with the following text:

As an Admin
I want to view borrowed books reports So that I can monitor library usage.

User Story #12: Late Books Report

The screenshot shows the same software interface as the previous one. The 'Reports' section in the sidebar is still active. The 'User Stories' board shows the 'In Progress' column (0 stories). The story '#12 Late Books Report' is highlighted with a yellow arrow pointing to its details. The story card includes a 'Description' section with the following text:

As an Admin
I want to see overdue books So that I can take action.