

User Stories

US#	Title	As a/an	I want to...	so that...	Priority	Time Estimate
1	Librarian Log In	librarian	log in to the system	I can access features only available to librarians.	1	2
2	Librarian Manage Material	librarian	add new material and edit and delete existing material from the database	I can keep our inventory of material current for patron use.	2	4
3	Librarian Manage Patrons	librarian	add new patrons and edit and delete existing patrons from the system	I can keep our active patron list up to date so they can check out material.	3	5
4	Librarian Check Out	librarian	check material out to patrons	patrons can use items in our collection.	4	3
5	Librarian Check In	librarian	check in returned material	the item is marked available and shelved for future patron use.	5	2
6	Librarian Material Search	librarian	search the library's collection of materials	I know if the library has an item and it's availability, view details about the item, edit or delete the item, and determine which patron currently has an item checked out.	6	2
7	Librarian Patron Search	librarian	search the library's patron database	I know if the person has a valid library card, view details about the patron such as items checked out and fines, and edit or delete the patron account information.	7	1
8	User Search	user	search the library's collection of materials	I know if the library has an item, if it is available for loan, and view details about the item such as call number.	8	2
37	Librarian Manual Overdue Report	librarian	manually run an overdue report when needed		9	3
9	Automated Overdue Notice	librarian	have the system run a nightly overdue process to automatically notify users by email about the status of their items and fines	patrons know what items are due in 3 days, 2 days, 1 day, today and which items are overdue along with the fines for the overdue items.	10	2
21	Librarian Manage Fines	librarian	manage fines	I can excuse patron fines in extenuating circumstances	11	3
19	Librarian Collect Fines	librarian	collect fines from patrons and credit their accounts	patrons can pay their fines in cash at the library	12	2
29	User Library Contact	user	see the library email and phone number	I can have easy access for contacting the library with questions or concerns.	13	1
30	User Library Hours	user	see the hours the library is open	I know when I can visit to check out materials.	14	1
31	User Library Map	user	see a map of the library location	if I am new to the area I can find the library.	15	3
36	User Mobile Library	user	view contact, hours, and map on my mobile device	I can access the library from my phone.	16	3
10	User Mobile Search	user	search the library's collection of materials from my phone or tablet	I know if the library has an item, if it is available for loan, and view details about the item such as call number.	17	4
32	Patron Mobile Search	patron	search the library's collection of materials from my phone or tablet	I can search for materials from my phone as I walk the library aisles.	18	5
11	Patron Log In	patron	log in to the system	I can view information about my account.	20	2
25	Patron Information	patron	view my personal information and edit my phone number and email address	I can be sure my address, phone and email are current.	21	2
26	Patron Password Change	patron	change my current login password or recover a forgotten password	I don't have to contact the library for assistance with maintaining my account	22	3
27	Patron View Checked Out Material	patron	view the items I have checked out	I remember which items I am responsible for and their due dates.	23	2
28	Patron Search	patron	search the library's collection of materials	I know if the library has an item, if it is available for loan, and view details about the item such as call number, add the item to my Wishlist, and reserve an item if it is currently checked out.	24	2
12	Patron Reservations	patron	place a reservation on materials currently checked out	when the item is returned, I will be notified and can check it out.	25	5
20	Librarian Manage Reservation	librarian	manage reservations	I know the list of patrons that have a specific title reserved	26	2
13	Patron Fines	patron	view and pay my fines online	my account is not restricted.	26	4
18	Librarian Material Recall	librarian	recall checked out material at the end of the current borrowing period	patrons cannot renew items that are needed back in the library	27	4

14	Patron Wishlist	patron	add, delete and edit items in my "wishlist"	I have a list of materials that I would like to check out when I visit the library and no longer need to carry call numbers around on scraps of paper.	28	1
15	Patron Renew	patron	renew twice, items I currently have checked out	I can keep the items longer without incurring a fine.	29	4
33	Patron Mobile Wishlist	patron	view my Wishlist on my mobile device	I can see what items I would like to check out.	30	5
16	Super Librarian Log In	super librarian	log in to the system	I can access features only available to super librarians.	31	2
17	Super Librarian Manage Librarians	super librarian	add new librarians and edit and delete existing existing librarians from the system	I can give employees the access they need to do their job.	32	4
22	Super Librarian Duties	super librarian	do everything a librarian can do	I can function as a regular librarian in addition to my duties	33	1
34	Super Librarian Update Web	super librarian	update hours and contact information on the web site	I can keep the information current for users to access.	34	2
35	Super Librarian Update Material Type	super librarian	add, edit, and delete material types	I can update different material types as the library acquires new items.	35	4
23	User Application	user	"pre-apply" for a library card	all of their information is already in the system and will make for a quicker interaction with the librarian.	40	4
24	Librarian Approval of Application	librarian	approve applications submitted over the Internet		41	2
					Person-hours of work:	103
					Assuming 70% velocity, the hours it will take to actually complete the work:	147.1
					Hours of work (including 70% velocity) that can be completed by a 4 person team in 1 iteration:	112
					Hours of work (including 70% velocity) that can be completed by a 3 person team in 1 iteration:	84

Use Case Diagram

