Intro and first few slides

So it's a library management app which will make your life easier with effortless book management. And if you love to read and looking for a seamless reading experience, this is the app to go ...

The current library management system faces a lot of different challenges starting with issuing and returning of books which are manually done and in some cases even the fine calculations are manually done which gives a scope for errors, delays and book availability. And if being a member I want to request a book, I have to physically go to the library and request for it. So all these things need to be improved.

So how I have tried to do this, I tried to make all these processes easier by automating these things starting with issuing of the book but also retaining the process where the book can also be issued manually and it will still work fine. Automated fine calculation to avoid errors and also added a notification system for the person who is requesting for the book.

What’s the order in which you demo

Start with How you have extended the Already existing User Table

Then show all the tables one by one and try creating new record and show you have used field validations--- All the tables except for issued item table

Auto Population Using client script in book, ebook table

Manually Issue Book

Due date and return date > Issued date

Type Book -> check book stock

choose an ebook and try to issue the book for it

say similarly for ebook also ....Type ebook -> check ebook availability

choose a book and try to assign ebook

Type None -> shows it says choose an item

Make no. of books allowed = 0 -> show it can't be issued now

Now issue a fresh item

show the correct fine calculation

show decrease in no. of copies and no. of books allowed

Delete this Item

show increase in no. of copies and no. of books allowed

Flow design demo using Admin

while approving the request how Abel has Staff role and Approval Role also

Impersonate to Abrahim to show that member can request

And end with this is how you implemented ACLs.