

BDS_project_3

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1 Application description

2 Application GUI

2.1 Login

Customer has to enter correct email and password to be proceed to the main application. When user press button login then in the database is looking for specific email if it is found then we getting password hash and salt for the specified email. For verification correct entered customer's password hash and salt is used. The password is verified by library Bcrypt.

Components:

- **Email Text Field** Input for entering customer email.
- **Password Text Field** Input for entering customer password.
- **Login Button** When is pressed then validation system is initiated.

2.2 Menu

When customer is logged in then can edit his/her profile and view book catalog.

Components:

- **Book catalog Button** When is pressed then Book catalog GUI is shown. Current GUI is closed.
- **Edit profile Button** When is pressed then Profile edit GUI is shown. Current GUI is closed.
- **Logout Button** When is pressed then Login GUI is shown and customer is logout by the system. Current GUI is closed.

2.3 Book catalog

Here we can view all books which are in the database, customer can sort by the selected column and filter by book title. For each book can be seen in detail view. **Components:**

- **Book Table View** Table for individual book which can be sorted by each column.
 - **Title Column** Title.
 - **Genre Column** Genre.
 - **Publication Date Column** Date when book was published.
 - **Publisher name Column** Name of the publisher.
 - **ISBN Column** Special identifier.

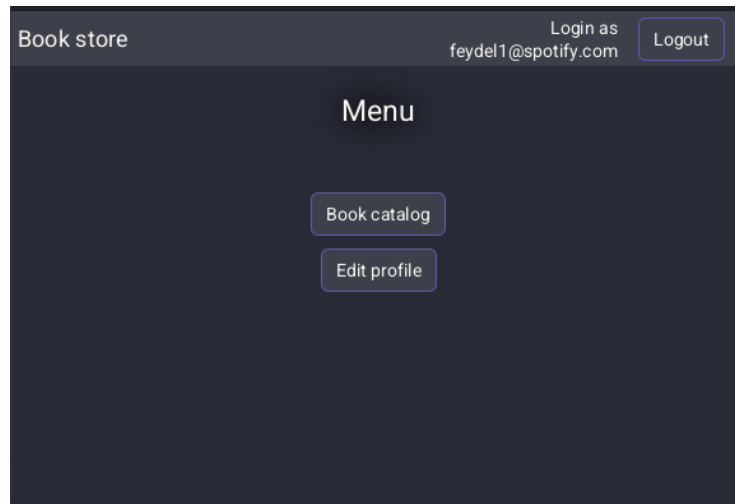


Figure 1: Menu GUI

- **View Button** When the button is pressed then detail view is shown of selected row.
- **Filter Text Field** In this filter the title can be filtered.
- **Logout Button** When is pressed then Login GUI is shown and customer is logout by the system. Current GUI is closed.
- **Menu Button** When is pressed then Menu GUI is shown. Current GUI is closed.

2.4 Book view

Detail view for a book, where can be seen each information and author. **Components:**

- **Detail Table View** Each information is here listed.
 - **Name Column** Each column names.
 - **Value Column** Values for column names.
- **Author Table View** Authors are listed.
 - **First Name Column** Author's first name.
 - **Last Name Column** Author's last name.
- **Logout Button** When is pressed then Login GUI is shown and customer is logout by the system. Current GUI is closed.
- **Menu Button** When is pressed then Menu GUI is shown. Current GUI is closed.

Book store

Login as

feydel1@spotify.com

Logout

Menu

Book Catalog

View

Filter: Title

Title	Genre	Publ...	Publisher Name	ISBN	
Halfmoon (Paul Bowle...	non-fiction	195...	Integrated oil Comp...	319824...	
Under the Bombs	fiction	198...	Telecommunicatio...	298395...	
Stunt Squad	non-fiction	198...	Investment Managers	716337...	
Rush Hour 3	fiction	194...	Industrial Machiner...	692504...	
Petting Zoo	non-fiction	199...	Computer Software...	324222...	
Bad Fucking	non-fiction	201...	Integrated oil Comp...	313877...	
Devil's Carnival, The	sci-fi	192...	Computer Software...	040170...	

Figure 2: Book catalog GUI

2.5 Customer edit

2.6 Address edit

Book store			
Book view: ...			
Details		Authors	
Name	Value	First name	Last name
Title	Zozo	Annetta	Dulling
Genre	non-fiction	Cedric	Wymer
ISBN	017740903-7		
Number of pa...	837		
Publication date	2006-05-20		
Publisher name	Integrated oil Companies		

Figure 3: Book view

Book store

Login as

Logout

Menu

First Name:

Fielding

Email:

feydel1@spotify.c

Last Name:

Eydel

Phone number:

111 111 111

Update

Address

Street Name	Street Num...	City	Country	
No content in table				

Edit address

Delete address

Add address

Update address table

Figure 4: Customer edit

Book store

Login as ... Logout

Country:	Street name:
<input type="text" value="Germany"/>	<input type="text" value="Jones"/>
City:	Street number:
<input type="text" value="Berlin"/>	<input type="text" value="22"/>

Create Address

Figure 5: Address edit GUI