**1- Login:**

Description:

It is the case where a admin try to log in to the system. Admin enters the email and password. System gives access to admin if the username/email and password are both valid.

Pre-conditions:

All fields must be correctly filled

Pre-created account

Post-conditions:

Return Login GUI

Error : If there is invalid username/password -> Invalid username or password.

Error : If username/password is blank -> This field must be filled.

Data required:

Username - Password

**2- Create Product:**

Description:

It is the case where a admin tries to create a new product. Admin enters the wanted information about a product. If all entered information is valid, the item will be created.

Pre-conditions:

Required fields must be filled

Title Publisher Author and Page Number these four options can not be the same as another product.

Post-conditions:

Product created

Error : If new product has same properties with a product ->The book is existing.

Error : If required field is blank -> This field must be filled.

Return AddProduct GUI

Data required:

Title - Author - Publisher - Publication Date - Page Number - Category - ISBN - List Price - Our Price - Stock Number - Status - Photo - Description

**3- Read Product:**

Description:

It is the case where a admin tries to view item. Admin clicks item and sees

the item details.

Pre-conditions:

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Post-conditions:

View product

Data required:

Product list

**4- Update Product:**

Description:

It is the case where a admin try to update book.When admin fills all required blanks, product is updated.

Pre-conditions:

Book must be defined to system before update.

Required fields must be filled.

Title, Publisher, Author and Page Number these four options can not be the same as another product.

Post-conditions:

Information of product is updated successfully.

Error : If required field is blank -> This field must be filled.

Error : Book information with title: “Title” cannot be updated. This book already exists.!!

Return EditProduct GUI

Data required:

Title - Author - Publisher - Publication Date - Page Number - Category - ISBN - List Price - Our Price - Stock Number - Status - Photo - Description

**5- Delete Product:**

Description:

It is the case where a admin try to delete book.

Pre-conditions:

Book must be defined to system before update.

Post-conditions:

Book is deleted successfully.

Data required:

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