UC Name	Commit bills
Summary	*Librarians will have permission to carry out bills and after a Bill is done it will be recorded in the database for statistics and businness purposes*
Dependency	
Actors	*Librarians will be the primary actors which will be responsible for the bills and managers will be secondary actors regarding The bills in aspect of checking if the bills are stored correctly in the database and that there have been no absent bills during the sales. Furthermore, the costumers will be also the secondary actors because the system interacts indirectly with the costumer(payment details if a credit card is used)*
Preconditions	*Librarians should have access to the system Database should be functional The system should be functional and be reloaded fast*
Description of the Main Sequence	● *Step 1: The user can scroll down for the books* ● *Step 2: If there are a lot of books, he can search for any book he wants to make it easier* ● *Step 3: He can go from home page, to other sections of home page*
Description of the Alternative Sequence	● *If the home page is not opened in either the app or website the user can switch from one to another*
Non functional requirements	*User Interface, in order to be more user friendly and easier for the users to navigate there* *Responsive time, when the user wants to navigate to another page from home page or search for a book the time Of this operations should be as fast as possible*

Postconditions	*User can navigate easily through the page*

UC Name	*About us*
Summary	*About us will have general information for the book store, like Its location, how it started, who are we, instagram, contact phone number etc*
Dependency	
Actors	*Primary actors will be costumers as they will be the ones will Have interest on our book store and who may want to know more about us and maybe contact us*
Preconditions	*It should be mainly informative It should provide the possibility of contact*
Description of the Main Sequence	*The user clicks on about us menu He either reads for his own interest or he can even Contact our store*
Description of the Alternative Sequence	● *If the about us is not opened in either the app or website the user can switch from one to another*
Non functional requirements	*Readability, which means that the information should be separated into paragraphs so it can be more easy to read by any user* *Responsive time, when the user wants to navigate to the page the operation should be as fast as possible* *Dual languages, the system can be used by locals or either it*

	Has the option to be translated to english
Postconditions	*The user has now been informed about our book store or even further he may have contacted us*

UC Name	Home page
Summary	*The system will have an interactive and user-friendly Home page as it will leave the first impression on the user When he visits the application or website*
Dependency	*The books added in the bookstore*
Actors	*The main actors are costumers as they will be the one visiting the page and looking for books to buy.*
Preconditions	1. *It should have a simple, but effective and eye-pleasing design and structure* 2. *It should consists mainly by the books available, the other menus and a search bar*
Description of the Main Sequence	● *Step 1: Librarian click on "Add bill" option* ● *Step 2: After that, there will be shown a page where he Can add the books that will be purchased and check their prices* ● *Step 3: He can either confirm the sale or reject it*
Description of the Alternative Sequence	● *Step 1: After the librarian clicks the "Add bill" button it may not be responsive immediately and what he can do is that he can refresh the page* ● *Step 2: In the worst case, if he forgets to add a book to the bill, he can either reedit the bill or he will have the*

	chance to confirm the bill after a second window is shown to him after clicking "confirm bill"
Non functional requirements	*Response time is related to the fact that when adding and confirming the bill it should take as little time as possible* *User Interface, in order to be more user friendly and easier for the librarian or other users that have permission to navigate there* *Modifiability, the bill should have the option to be reedited*
Postconditions	*Bills will be printed and shown only to authorised people like librarians or managers and also after the bill is added, the database will be updated with this new bill*

UC Name	*Edit bills*
Summary	*The user (librarian or admin) will have the permission to edit the bill if he/she has done a mistake while committing it.*
Dependency	*The books added and the option to add bills*
Actors	*Librarians will be the primary actors which will be responsible for the bills and managers will be secondary actors regarding* *The bills in aspect of checking if the bills are stored correctly in the database and that there have been no absent bills during the sales. Furthermore, the costumers will be also the secondary actors because they may be the ones letting the librarian know if the bill has been issued correctly*
Preconditions	*1. Librarians should have access to the system* *2. Database should be functional* *3. The system should be functional and be reloaded fast*

	4. There should be the option "Edit bill" or even after confirming the bill the option "Are you sure"
Description of the Main Sequence	● *Step 1: The user will go to edit option* ● *Step 2: There he can edit by either adding or removing a book from the bill* ● *Step 3: Finally, he can confirm the edit*
Description of the Alternative Sequence	*If there have been more than one day after the bill is issued it can not be edited and also you can not make more than two edits for bill*
Non functional requirements	*Responsive time, when the user wants to edit the bill and confirm the change, it should be done automatically fast* *Security and restrictions, which mean that only restricted type of users will have access to edit bills* Data Integrity: The system must implement mechanisms to ensure the integrity of the data during the edit process. Any change must be atomically applied to ensure that the bill data remains consistent and accurate, even in the event of system failures.
Postconditions	*The bill is edites succesfully and also the manager is informed that such an action is carried out*

UC Name	*Commit bills*
Summary	*Librarians will have permission to carry out bills and after a Bill is done it will be recorded in the database for statistics*

	and businness purposes
Dependency	
Actors	*Librarians will be the primary actors which will be responsible for the bills and managers will be secondary actors regarding The bills in aspect of checking if the bills are stored correctly in the database and that there have been no absent bills during the sales. Furthermore, the costumers will be also the secondary actors because the system interacts indirectly with the costumer(payment details if a credit card is used)*
Preconditions	*Librarians should have access to the system Database should be functional The system should be functional and be reloaded fast*
Description of the Main Sequence	● *Step 1: The user can scroll down for the books* ● *Step 2: If there are a lot of books, he can search for any book he wants to make it easier* ● *Step 3: He can go from home page, to other sections of home page*
Description of the Alternative Sequence	● *If the home page is not opened in either the app or website the user can switch from one to another*
Non functional requirements	*User Interface, in order to be more user friendly and easier for the users to navigate there* *Responsive time, when the user wants to navigate to another page from home page or search for a book the time Of this operations should be as fast as possible*
Postconditions	*User can navigate easily through the page*

	Security and Compliance
Summary	*Security and Compliance in the book store system ensure that user data is protected, transactions are secure, and the system complies with relevant regulations such as GDPR and CCPA.*
Dependency	*Security and Compliance in the book store system ensure that user data is protected, transactions are secure, and the system complies with relevant regulations such as GDPR and CCPA.*
Actors	*The main actors involved in Security and Compliance are system administrators, developers responsible for implementing security measures, and users whose data is being protected.*
Preconditions	*Implementation of strong authentication mechanisms.* *Integration of data encryption and secure communication protocols.* *Understanding and adherence to relevant data protection regulations and standards.*
Description of the Main Sequence	*Users access the system through secure authentication methods.* *Data is encrypted during transmission using HTTPS/TLS protocols.* *Transactions, including payment processing, are handled securely through trusted payment gateways.* *Regular security audits and compliance checks are conducted to ensure data protection and regulatory*

	compliance.
Description of the Alternative Sequence	*Users can refresh the page or retry the action after a brief delay.* *In case of missing information or errors in transactions, users are provided with options to edit or confirm transactions securely.*
Non functional requirements	*Response time for security measures should be minimized to provide a seamless user experience.* *User interface should be intuitive and user-friendly to facilitate secure interactions.* *Modifiability of security settings and compliance measures should be ensured for adaptability to changing requirements.*
Postconditions	*User data is protected through encryption, secure authentication, and compliance with regulations.* *Secure transactions and communication channels are established.* *Regular audits and updates maintain the security and compliance posture of the system.*