

## SE 318 – SOFTWARE VERIFICATION AND VALIDATION – REQUIREMENTS LIST

PROJECT NAME: Inventory Management System

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FUNCTIONAL REQUIREMENTS		
REQ. #		PRIORITY
1	The system should show the current cost of the selected book.	
2	The system should be able to show the current amount of stock data for all books.	
3	The system should allow the user to log in only the correct combination of username and password.	
4	The system should allow the client to search items from the data set with names or folder types.	
5	The system should show the current profit and sales ratio.	
6	The system should calculate the price, tax, shipping expenses of the item in the cart.	
NON-FUNCTIONAL REQUIREMENTS		
REQ. #		PRIORITY
1	The system database should contain up to 500 books.	

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2	The system must work with Windows 8.1 and higher, Debian based Linux, macOS operating systems.	
3	The system should be able to perform search operation in under 20 seconds.	
4	The system should allow passwords that are at least 8 characters long and must contain uppercase and lowercase characters and numbers.	
5	The system should be able to operate by at most 5 clients simultaneously.	
6	The system should have corresponding UI tips and information about general usability.	