**Book Shop System**

**Requirement Specification**

Book Shop System is basically an admin system for a book shop but also can sell books to the public.

Book Shop System will open up MainGUI.java firstly,

If you click ‘Admin’ you will be asked to login (username = “e”, password =1) at once your login you will be able to add & update & delete books to a data grid. This window is AdminGUI.java, the system uses book.java also. The books save to books.dat

Also there is a menu bar here which has options and admin section

Under admin there are 2 options, ‘Add Employee’ and ‘Display Employee’

If u click ‘Add Employee’, you will be asked for the details of the employee using JOptionPane.InputDIalogMessage (first Name,last Name,address,phone Number etc.) at once all these details are entered the employee is saved to the system, the employee details are saved in employees.dat file. The employees.java class is also used here.

If u click ‘Display Employee’, the employees that have been saved will be displayed in a JTextArea.

If you click ‘Customer’ (in MainGUI.JAVA) this opens CustomerGUI.java which, has a combo box with all the books in the system in it, there is a purchase button and when you click this, it allows you buy a book if it is in stock.

If you click ‘Quit’ (in MainGUI.JAVA) this closes the system completely

**Class Diagrams**

**GitHub Log**

Commits on Nov 30, 2017

1. [](https://github.com/emmag321)

[29/11/2017 @ 00.14AM](https://github.com/emmag321/OOP2-Project-2017/commit/94834b693c6d56432ab8c7859e0e87f3ca44e4fe)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed an hour ago

Commits on Nov 29, 2017

1. [](https://github.com/emmag321)

[29/11/2017 @ 23:11PM](https://github.com/emmag321/OOP2-Project-2017/commit/33c50ebb7a32f940d3eacb40d9b77b2b4c935edc)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 3 hours ago

[](https://github.com/emmag321)

[not working](https://github.com/emmag321/OOP2-Project-2017/commit/6e74df3da0b558b6bbbf8a14eb1fe879f0a23f45)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 9 hours ago

[](https://github.com/emmag321)

[Added stock quantity field to book class](https://github.com/emmag321/OOP2-Project-2017/commit/aa151fd3aa0c1fa87055eba25e995399a847a0c3)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 15 hours ago

[](https://github.com/emmag321)

[Working basic serialization](https://github.com/emmag321/OOP2-Project-2017/commit/992b15f8bef69b246b4b17a65ec3d85ec271ebc6)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 15 hours ago

[](https://github.com/emmag321)

[Added window closing event](https://github.com/emmag321/OOP2-Project-2017/commit/802b3bed71778d1a1b19556d1f1a0e6a1f6dc169)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 16 hours ago

[](https://github.com/emmag321)

[28/11/2017 @ 01.12AM everything ok](https://github.com/emmag321/OOP2-Project-2017/commit/8a3836dfd62336b3d5f018dd09b4403c30952d5c)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed a day ago

Commits on Nov 28, 2017

1. [](https://github.com/emmag321)

[28/11/2017 @ 21.51PM fixed ALL](https://github.com/emmag321/OOP2-Project-2017/commit/99217c9e62aa605f6fe4b8781c4306487faac72d)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed a day ago

[](https://github.com/emmag321)

[27/11/2017 @ 00.43AM fixed ALL](https://github.com/emmag321/OOP2-Project-2017/commit/e6aff1cc77341e945236f704ea2197d32033f075)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 2 days ago

Commits on Nov 27, 2017

1. [](https://github.com/emmag321)

[27/11/2017 @ 23.33PM](https://github.com/emmag321/OOP2-Project-2017/commit/d30ab81f165d4dd70c9f6ff8483247ebde6e15c6)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 2 days ago

[](https://github.com/emmag321)

[27/11/2017 @ 17.16PM](https://github.com/emmag321/OOP2-Project-2017/commit/e1b307fc84e27bfe7a4d3663934d52ca0dc1e2c3)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 2 days ago

[](https://github.com/emmag321)

[26/11/2017 @ 00.46PM](https://github.com/emmag321/OOP2-Project-2017/commit/4dd451c6f25fb1825a18bdd3a075067e366f1b88)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 3 days ago

[](https://github.com/emmag321)

[26/11/2017 @ 00.28PM](https://github.com/emmag321/OOP2-Project-2017/commit/1b71e8bde2ee8f8a7833e990deea63e967df23cd)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 3 days ago

Commits on Nov 26, 2017

1. [](https://github.com/emmag321)

[26/11/2017 @ 23.00PM](https://github.com/emmag321/OOP2-Project-2017/commit/f0d41b52c3c6b9bbc335050f4f7fa30f8d1798b6)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 3 days ago

Commits on Nov 23, 2017

1. [](https://github.com/emmag321)

[23/11/2017 @ 17.41.PM](https://github.com/emmag321/OOP2-Project-2017/commit/ecabd5848b8bc536bcb1b498cbcde74dd0c83488)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 6 days ago

[](https://github.com/emmag321)

[23/11/2017 @ 17.23PM](https://github.com/emmag321/OOP2-Project-2017/commit/28ced1491b60dcd05e0a772ac5b594250ba84128)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 6 days ago

[](https://github.com/emmag321)

[23/11/2017 @ 14.11PM](https://github.com/emmag321/OOP2-Project-2017/commit/24afc954ecdd11e75d5bed09fe9f0c563afd8e96)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 7 days ago

[](https://github.com/emmag321)

[23/11/2017 @ 13.54PM](https://github.com/emmag321/OOP2-Project-2017/commit/ff3da38fe510b9b2993ed99716711b0b46ddfe5c)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 7 days ago

[](https://github.com/emmag321)

[23/11/2017 @ 12.31PM Adding book & saving - all working!!](https://github.com/emmag321/OOP2-Project-2017/commit/43fceb97ef9e7d78912a3ecf50e89997c421fdb0)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 7 days ago

[](https://github.com/emmag321)

[23/11/2017 @ 01.41AM](https://github.com/emmag321/OOP2-Project-2017/commit/21b789e2d5279e051f3865d82cff5f235334ec6a)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 7 days ago

Commits on Nov 21, 2017

1. [](https://github.com/emmag321)

[21/11/2017 @ 15:52AM](https://github.com/emmag321/OOP2-Project-2017/commit/3f2b02441b79f377713b0c0d67545fea082163d4)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 8 days ago

[](https://github.com/emmag321)

[21/11/2017 @ 01:35AM](https://github.com/emmag321/OOP2-Project-2017/commit/075433bdd85ecac6f23ad2b1151293aaee0a4178)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 9 days ago

[](https://github.com/emmag321)

[21/11/2017 @ 01.01AM](https://github.com/emmag321/OOP2-Project-2017/commit/ab3453eccf295ae753d27f989b135387dbbe4688)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 9 days ago

Commits on Nov 20, 2017

1. [](https://github.com/emmag321)

[20/11/2017 @ 17.42PM](https://github.com/emmag321/OOP2-Project-2017/commit/eac714bee7ff4e95ca430fb42861dab6506c2d60)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 9 days ago

[](https://github.com/emmag321)

[20/11/2017 @ 17.26PM](https://github.com/emmag321/OOP2-Project-2017/commit/c216224e69dfba98166df2d3dfc29c4a356ed8cf)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 9 days ago

Commits on Nov 18, 2017

1. [](https://github.com/emmag321)

[18/11/2017 @ 01.23AM](https://github.com/emmag321/OOP2-Project-2017/commit/68d89ec7c3d561394abfbf053955951af92db9f2)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 12 days ago

[](https://github.com/emmag321)

[18/11/2017 @ 01.08AM](https://github.com/emmag321/OOP2-Project-2017/commit/be46e26ba7edc7aedda014c104b3cf3266bb2c8d)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 12 days ago

[](https://github.com/emmag321)

[18/11/2017 @ 00.54AM](https://github.com/emmag321/OOP2-Project-2017/commit/e54400dc695faab23e5f3299982742779f160cd0)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 12 days ago

[](https://github.com/emmag321)

[Progress made 18/11/207 @ 00.41AM](https://github.com/emmag321/OOP2-Project-2017/commit/e5e069a8bfee894dcf5a31b29e1e6acf6094d6e0)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 12 days ago

Commits on Nov 16, 2017

1. [](https://github.com/emmag321)

[Progress made 17/11/207 @ 10.54PM](https://github.com/emmag321/OOP2-Project-2017/commit/a421930060d609ed3042075b608ccefa285e7d08)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 14 days ago

Commits on Nov 15, 2017

1. [](https://github.com/emmag321)

[Progress made 15/11/207 @ 23.52PM](https://github.com/emmag321/OOP2-Project-2017/commit/543d1cd727950b7d8ef54eb9af1aeea673ce0d6b)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 14 days ago

[](https://github.com/emmag321)

[Progress made 15/11/207 @ 23.28PM](https://github.com/emmag321/OOP2-Project-2017/commit/18623d55df073d89792c08ecaba18be3be302f3f)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 14 days ago

Commits on Nov 14, 2017

1. [](https://github.com/emmag321)

[Progress made 14/11/207 @ 15.37PM](https://github.com/emmag321/OOP2-Project-2017/commit/f9a94bc8e263cc0747bc25a8b54b323ea2a2f9f8)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 15 days ago

[](https://github.com/emmag321)

[Progress made 14/11/207 @ 15.29PM](https://github.com/emmag321/OOP2-Project-2017/commit/c20cfb596c92caececb6305455dd82b5e25cc6f5)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 15 days ago

[](https://github.com/emmag321)

[Progress made 14/11/207 @ 14.05PM](https://github.com/emmag321/OOP2-Project-2017/commit/3b1c9226705741b54b0d9221908d47c436f14de2)

[emmag321](https://github.com/emmag321/OOP2-Project-2017/commits?author=emmag321) committed 16 days ago

**Link to my GitHub:** https://github.com/emmag321/OOP2-Project-2017.git