

**Bug Track Report**

**for**

**Library Information Application**

**Version: 1.0**

**Date: 18/06/10**

**20143692 강경석**

**20144103 조유성**

**20145026 김상범**

**20141043 양준호**

**20146110 문태현**

**20143583 김기환**

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1. **May 27th ~ June 1st Bug Report**

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| --- | --- | --- | --- | --- |
| Bug No. | Bug Name | Bug Location | Bug Reason | Bug Occurred Date |
| NO. 1 | String Size Error | *Method*  *Void* input\_adminloginid() | The size of the string was smaller than the actual string. | May 27th, 2018 |
| NO. 2 | Function Naming Error | Class User | The name of the function getPW() was changed to getp(). | May 29th, 2018 |
| NO. 3 | ArrayList Variable  Error | *Class* User | The previous data of the variable was lost whenever updated. | May 29th, 2018 |
| NO. 4 | ArrayList Index  Error | *Class* Book | The location of the array index was located in the wrong place. | June 1th, 2018 |
| NO. 5 | Function, Variable Error | *Method*  *Long* latefee  *Void* total\_latefee | The for-loop in the function was calculated differently. | June 1th, 2018 |

1. **June 2nd ~ June 4th Bug Report**

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| --- | --- | --- | --- | --- |
| Bug No. | Bug Name | Bug Location | Bug Reason | Bug Occurred Date |
| NO. 6 | Class Variable Error | *Class* Book | The user couldn’t search the book information because the variable identification was incorrect. | June 2th, 2018 |
| NO. 7 | Class Function Error | *Class* Login | The if – statement of the class function was incorrectly identified. | June 4th, 2018 |

1. **June 5th ~ 6th Bug Report**

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| --- | --- | --- | --- | --- |
| Bug No. | Bug Name | Bug Location | Bug Reason | Bug Occurred Date |
| NO. 8 | Class Reference Error | *Class* Admin\_Mode | The administrator couldn’t get the information of the users because the reference for the user class was wrong. | June 5th, 2018 |
| NO. 9 | Class Function Identification Error | *Class* Admin\_Mode,  *Method Void* bookAdd() | The same name or code of books were added because we didn’t handle the exceptions. | June 6th, 2018 |

1. **June 7th Bug Report**

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| --- | --- | --- | --- | --- |
| Bug No. | Bug Name | Bug Location | Bug Reason | Bug Occurred Date |
| 7NO. 10 | I/O File Function Error | *Class* User,  *Class* Book,  *Class* Library | The information of the book was not saved in the text file, because the I/O file function was incorrect. | June 7th, 2018 |

**5.June 8th ~ 9th Bug Report**

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| --- | --- | --- | --- | --- |
| Bug No. | Bug Name | Bug Location | Bug Reason | Bug Occurred Date |
| NO. 1 | Renttime  Not increased when more  than 5days | *Rentbook(5)* | Renttime data is no more renew when more than five | June 8th, 2018 |
| NO. 2 | Searching through view, when data are more than list, can not see data | Manageuser()  Booklist() | Although arraylists are big enough, but viewing list is not as big as arraylist->work out through scroll action | June 8th, 2018 |
| NO. 3 | ArrayList Variable  Error | *Class* User | The previous data of the variable was lost whenever updated. | June 8th, 2018 |
| NO. 4 | ArrayList Index  Error | *Class* Book | The location of the array index was located in the wrong place. | June 8th, 2018 |
| NO. 5 | Function, Variable Error | *Method*  *Long* latefee  *Void* total\_latefee | The for-loop in the function was calculated differently. | June 8th, 2018 |
| NO. 6 | Administrator  Mode  error | *Login()* | When user login,  It can also call administrator mode’s function | June 9th, 2018 |
| NO. 7 | Book’s informationis not changed | *Publisher\_Modify()*  *Code\_modify()* | When modifying publisher and code of book, book’s information is not changed | June 9th, 2018 |
| NO. 8 | Book state  error | *Return\_book()*  *Booksearch()* | When user return book,  Book’s bookstate should be changed but nothing changed  So user can know incorrect information ofbook | June 9th, 2018 |
| NO. 9 | If login input is incorrect,  System is not operating correctly | *Login()*  *Id\_check()*  *Pw\_check()* | If login input is incorrect through checking id,pw, system is no more operating correctly | June 9th, 2018 |
| NO. 10 | String size is small so that can not store string that are more than string size | *Input\_adminlogin(string)* | If administrator put Johnlegend  Function’s string only store Johnle.  ->we increase string size | June 9th, 2018 |

**Git Hub Issue**

