**FPT UNIVERSITY**

**ASSIGNMENT PROJECT DOCUMENT**

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***BOOK BORROWING MANAGER SYSTEM***

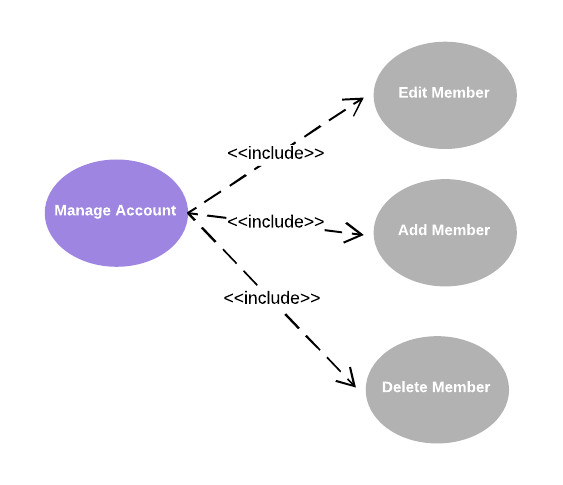
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| --- | --- |
|  | *Student: TRINH* HOANG DUNG| HE170357  *Courses: PRJ301* |

1. ***DESCRIBES THE SYSTEM THAT WILL BE IMPLEMENTED***
2. **Actors of the Library Management System**
   1. Administrator
   2. Manager
   3. Librarian
   4. Student
3. ***LIST ALL FUNCTIONAL AND REQUIREMENTS***
4. **Actors of the Library Management System**
   1. Administrator
   2. Manager
   3. Librarian
   4. Student
5. **Functionalities of Library Management System**
   1. Login/Logout
   2. View User Details
   3. View Books
   4. View Members
   5. Reserve Books
   6. Search Books
   7. Add/Remove Books
   8. Add/Remove User
6. ***USE CASE DIAGRAMS***

**4.1 Evaluate use cases for relationship dependency <<include>>**

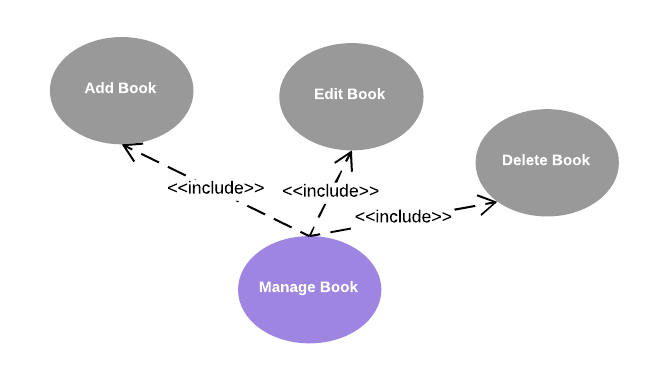
1. ***Administrator***

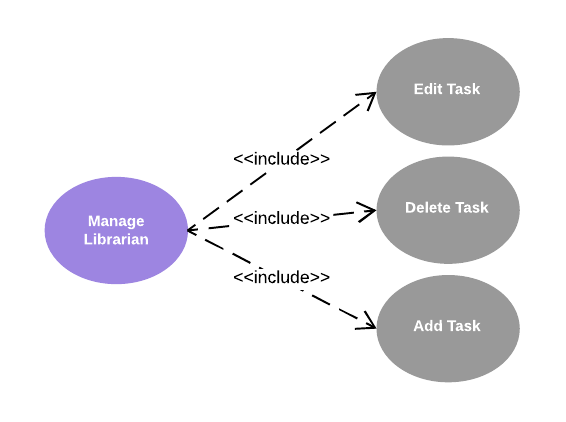
Admin have a major role in managing the university's accounts. So, they are entitled to add, edit, delete the account there.



**b.  *Manager***

They are responsible for book management and librarian management. So, they are entitled to add, edit, delete the book the books of library and the tasks for librarians





***c. Librarian***

They don’t have use cases for relationship dependency <<include>>

***d. Reader***

They don’t have use cases for relationship dependency <<include>>

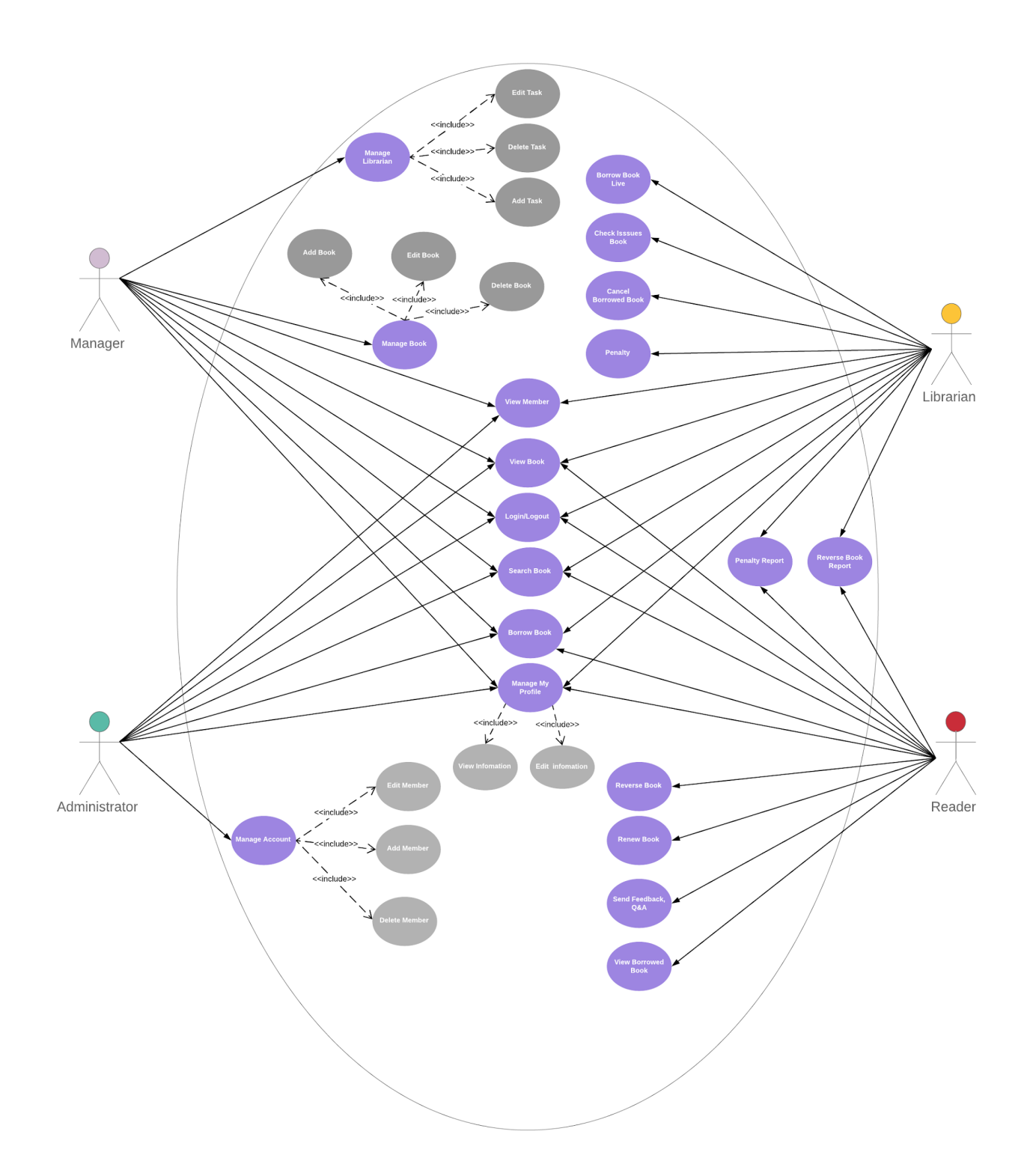
**4.2. Evaluate use cases for relationship dependency <<extend>>**

All of actors don’t have use cases for relationship dependency <<extend>>

**4.3. Evaluate use cases for relationship <<generalizations>>**

All of actors don’t have use cases for relationship dependency <<generalizations>>

**Use Case Diagram Book Manager System**

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*Link view online* : <https://bom.to/rII16>