## Functional requirements

All functional requirements with their corresponding requirement ID and priority are listed below.  
Requirements with an ID starting with “S” are related to the system and application.  
Requirements with an ID starting with “AD” are related to the user-type “Admin”.  
Requirements with an ID starting with “ME” are related to user-type “Member”. Which Admins will also be able to make use off.

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| **Requirement ID** | **Requirement** | **Priority** |
| **S1.1** | The application must check the provided datafiles at start-up. | M |
| **S1.2** | The application must create datafiles if non were provided at start-up. | M |
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| **AD1.1** | Administrators must be able to see a list of members registered to the library. | M |
| **AD1.2** | Administrators must be able to add members to the system. | M |
| **AD1.3** | Administrators must be able to edit members. | M |
| **AD1.4** | Administrators must be able to delete members from the system. | M |
| **AD1.5** | Administrators must be able to import a list of members from a CSV file. | M |
| **AD2.1** | Administrators must be able to add books to the catalogue. | M |
| **AD2.2** | Administrators must be able to edit books in the catalogue. | M |
| **AD2.3** | Administrators must be able to delete books from the catalogue | M |
| **AD2.4** | Administrators must be able to import a list of books to the catalogue using a JSON file. | M |
| **AD3.1** | Administrators must be able to add books to the library | M |
| **AD3.2** | Administrators must be able to edit books in the library. | M |
| **AD3.3** | Administrators must be able to delete books from the library. | M |
| **AD4.1** | Administrators must be able to restore a back-up of the system. | M |
| **AD4.2** | Administrators must be able to make a back-up of the system. | M |
| **M1.1** | Members must be able to check the catalogue. | M |
| **M1.2** | Members must be able to search the catalogue for a book. | M |
| **M2.1** | Members must be able to see the list of books in the library. | M |
| **M2.2** | Members must be able to search for a book in the library. | M |
| **M2.3** | Members must be able to borrow books. | M |
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