

Sønderborg's library **aims** to **launch** a digital platform to **manage** and **share** its diverse digital media collection. The system **should support** multiple types of media, including:

- E-books with information about their title, author, language, number of pages, year of publication and ISBN. Users **can view**, **download** and **read** them.
- Movies with information about their title, director, genres, release year, language and duration. Users **can watch** and **download** them.
- Songs with information about their title, composer, singer, genre, file type, duration and language. Users **can play** and **download** them.
- Video-games with information about their title, genre, publisher, release year and supported platforms. Users **can download**, **play** and eventually **complete** them.
- Apps with information about their title, version, publisher, supported platforms and file size. Users **can download** and **execute** them
- Podcasts with information about their title, release year, host(s), guest(s), episode number and language. Users **can download** and **listen** to an episode and **complete** it.
- Images with information about their title, resolution, file format, file size and date taken. Users **can download** and **display** an image

Users **should be able** to **borrow** all media items, and only users who have **borrowed** an item may **rate** it.

The system **must** also **support** two categories of users: Admin, Employee and Borrower. For each of these the system **needs to know** the name, age and social security number. As a starting point, user authentication **is** not required. However on startup, the program **should ask** the user to **identify** their role.

- Borrowers **interact** with the collection by **listing items** by type, **selecting** and **previewing details**, **rating items**, and **performing actions** specific to the media type.
- Employee is responsible for managing the collection with the ability to **add** or **remove media items**
- Admin **has** all of an Employee's rights and **can** additionally **manage** Borrowers and Employees. Management **covers** viewing, creating, deleting, updating the personal information of users.

The supported actions **should be made available** to all user categories in a clear and structured way.

The console interface **should guide** the user with clear instructions and **validate** all inputs. Errors or invalid actions **should not pass** this filter. The design **should anticipate growth** through extensibility, **ensuring** that new media types or user roles **can be added** without **disrupting** existing functionality