

## Digital Book Purchase Project

This is a fictional project that aims to apply microservices concepts and further improve skills in the field of application development.

### 1. System Request

Digital Book Purchase Project
<b>Developer:</b> Iânderson de Almeida
<b>Business Need:</b> This project aims to expand reading universally through the purchase of books that can be found on the internet, using the website.
<b>Business Requirements:</b> Through the Website, customers will be able to search for and purchase digital books that can be downloaded onto their devices. The system should have features such as: <ul style="list-style-type: none"><li>• Create a user account</li><li>• Search for any book in the system</li><li>• Buy digital books</li></ul>

### 2. Requirements Definition

<b>Functional Requirements:</b> <ol style="list-style-type: none"><li>1. Search<ol style="list-style-type: none"><li>1.1. The system will allow the user to search for books.</li><li>1.2. The system will allow the user to browse through a list of existing books.</li></ol></li><li>2. Purchase<ol style="list-style-type: none"><li>2.1. The system will enable the user to create a user account to store user data.</li><li>2.2. The system will enable the user to select the book chosen for purchase.</li><li>2.3. The system will collect the user's payment data. Once payment has been verified, the book will be available for download.</li></ol></li></ol>
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### 3. Definition of domain models