Online Library

Use-Case Model

Version 1.0

Revision History

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| --- | --- | --- | --- |
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# Use-Cases Identification

* + Use case: Log-in
  + Level: User-goal
  + Primary actor: User
  + Main success scenario: The user opens the application, enters his username and password and pressed the log-in button. The request is sent to the server which checks the user database and, if the credentials are correct, the application launches.
  + Extensions: If the username-password combination is not found in the database, or if the user is banned, the log-in fails and the application doesn’t launch.
  + Use case: Read or modify a book
  + Level: Summary
  + Primary actor: User
  + Main success scenario: After the user has logged-in, he/she selects a book from the home page and opens it. The user may only modify the book if the owner gives permission (there are two types of modification permissions: ‘add text’ and ‘add and remove text’).
  + Extensions: The user can also search for a book by typing its name and pressing the search button. If the search fails, or if the book is not open for modifications, this use case fails.
  + Use case: Write and publish a book
  + Level: Summary
  + Primary actor: User
  + Main success scenario: After the user has logged-in, he/she goes to the ‘my books’ section, where he can start writing a new book or continue writing an unpublished book, set its permissions, and publish it or update an already published book.
  + Extensions: If the administrator doesn’t allow the book to be published, this use case fails.
  + Use case: Approve book
  + Level: User-goal
  + Primary actor: Administrator
  + Main success scenario: After the administrator has logged-in, he/she selects the book(s) which are to be published to the application from the list of publishing requests from the users.
  + Extensions: -
  + Use case: Ban user
  + Level: User-goal
  + Primary actor: Administrator
  + Main success scenario: After the administrator has logged-in, he/she selects the writer of the book which contains spam or stolen material and bans him.
  + Extensions: The administrator can also search for a specific user and ban him. If the user is also an administrator, this use case fails.

# UML Use-Case Diagrams

