**Milestone 4:**

1. Draw the architectural context diagram to represent the architectural context of your

software, which is part of architectural design.

2. Draw component diagrams to represent the components of your software and their

relationships, which is the core of architectural design. (These components along with

their relationship are the architecture of your software.)

**Team: CABS**

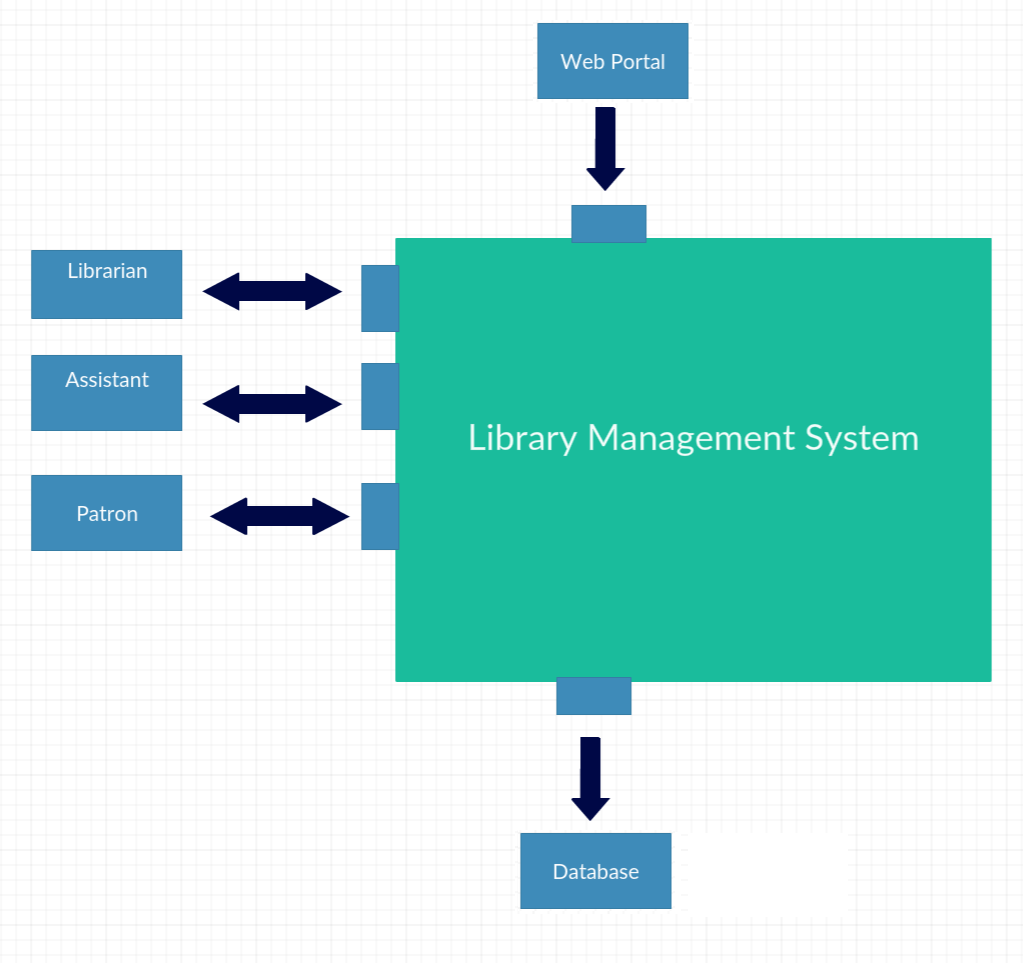
Marcus Blaisdell

Vivek Sandhinti

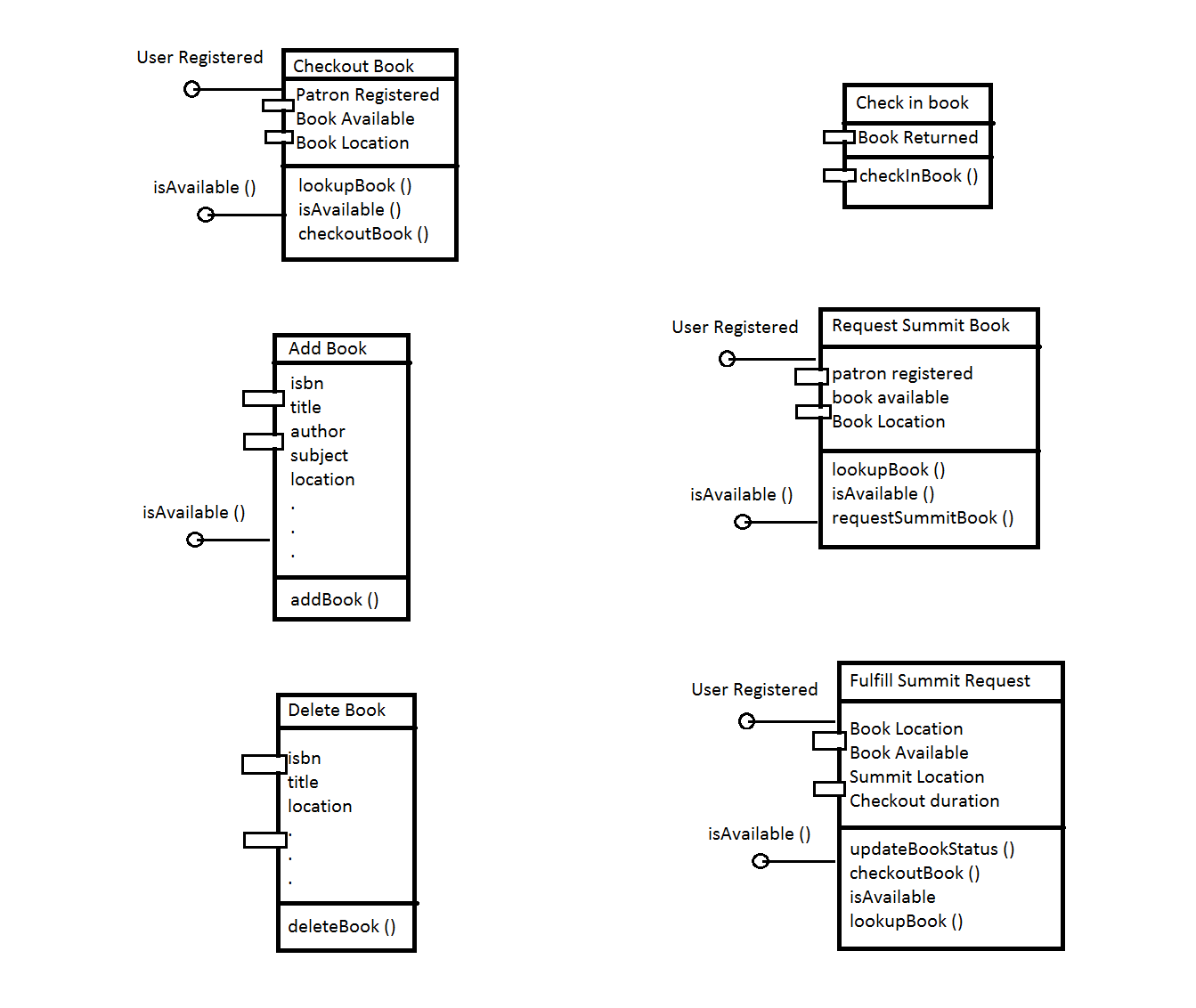
Christian Asivido

Joseph Crissey

1.



2. Elaborated / Detailed Component diagram



1. Identify / retrieve related classes for the component

Component: Checkout a book

Related classes:

Librarians assistant

Book

Patron

Web portal

Database

1. Develop details of the component

2.1 identify elements of the component: -attributes -operations -interface

Attributes:

Patron registered

Book available

Book location

Operations:

lookupBook ()

checkoutBook ()

isAvailable ()

interface:

web portal

user registered

book available