

Helmich

Schedules 2

Helmich, Faustus, Toma, Turčan, Malý

Everyone

Core features

- Users – Student, Teacher, Manager, Scheduling committee
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1. Create subjects (Teacher)
 2. Approve Subject (Manager)
 3. Define time and space requirements (Teacher)
 4. Display graphical interface for scheduling subjects and save changes (Scheduling committee)
 5. View schedules (Student)

Create subjects (Teacher)

As a teacher, I need to create a subject and define information about it (name, syllabus, description...), so managers can decide whether the subject is sufficiently useful.

Responsibilities

- Authentication and authorization
- Content validation and management
- Notifications and workflow
- User interaction

Approve Subject (Manager)

As a manager, I need to approve a subject proposed by a teacher, so the teacher can define time options and the Scheduling committee can schedule the subject.

Responsibility Breakdown:

- Authentication and authorization
- Approval processing
- Notifications and workflow
- Storage and audit

Define time and space requirements (Teacher)

- As a teacher, I need to define the time and space requirements of a subject, so that the scheduling committee can schedule it.

Responsibility Breakdown:

- Authentication and authorization
- Inputs and validation
- Availability and collisions
- Storage and audit

Display graphical interface for scheduling subjects and save changes (Scheduling committee)

As a Scheduling committee, I need to view a graphical interface for scheduling subjects, so I can schedule a subject and users can view schedules.

Responsibility Breakdown:

- Authentication and authorization
- Data retrieval and selection
- Interactive planning
- Storage and audit

View schedules (Student)

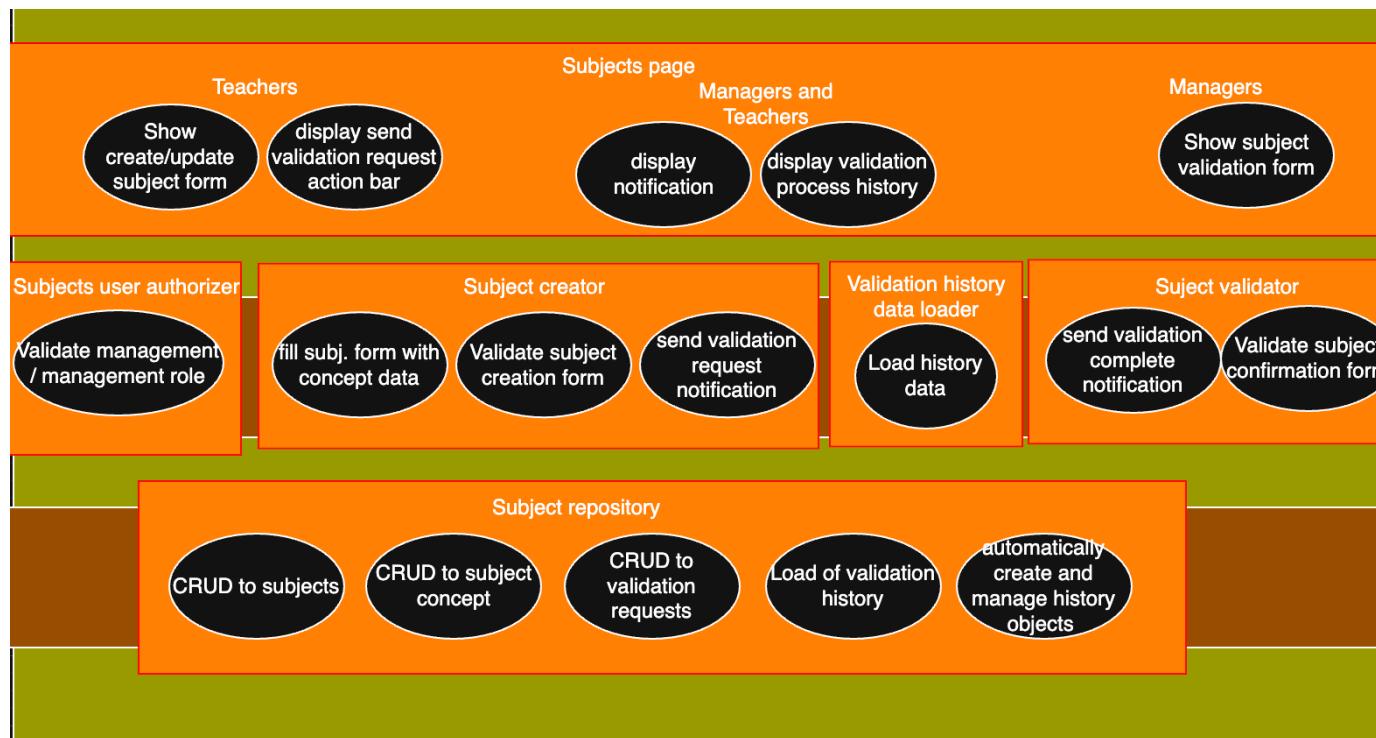
As a student, I need to clearly display a weekly schedule so I can plan my days.

Responsibility Breakdown:

- Authentication and authorization
- Data retrieval and selection
- Presentation
- Error and exception handling
- User interaction and export

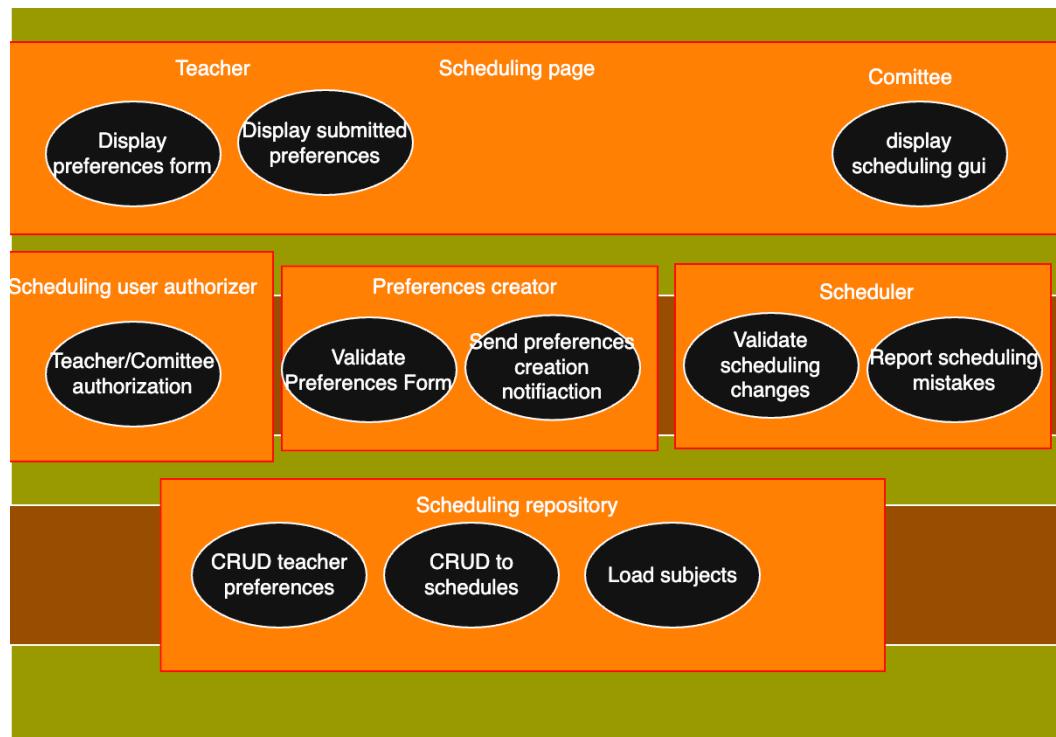
Everyone

Creating and Validating Subjects



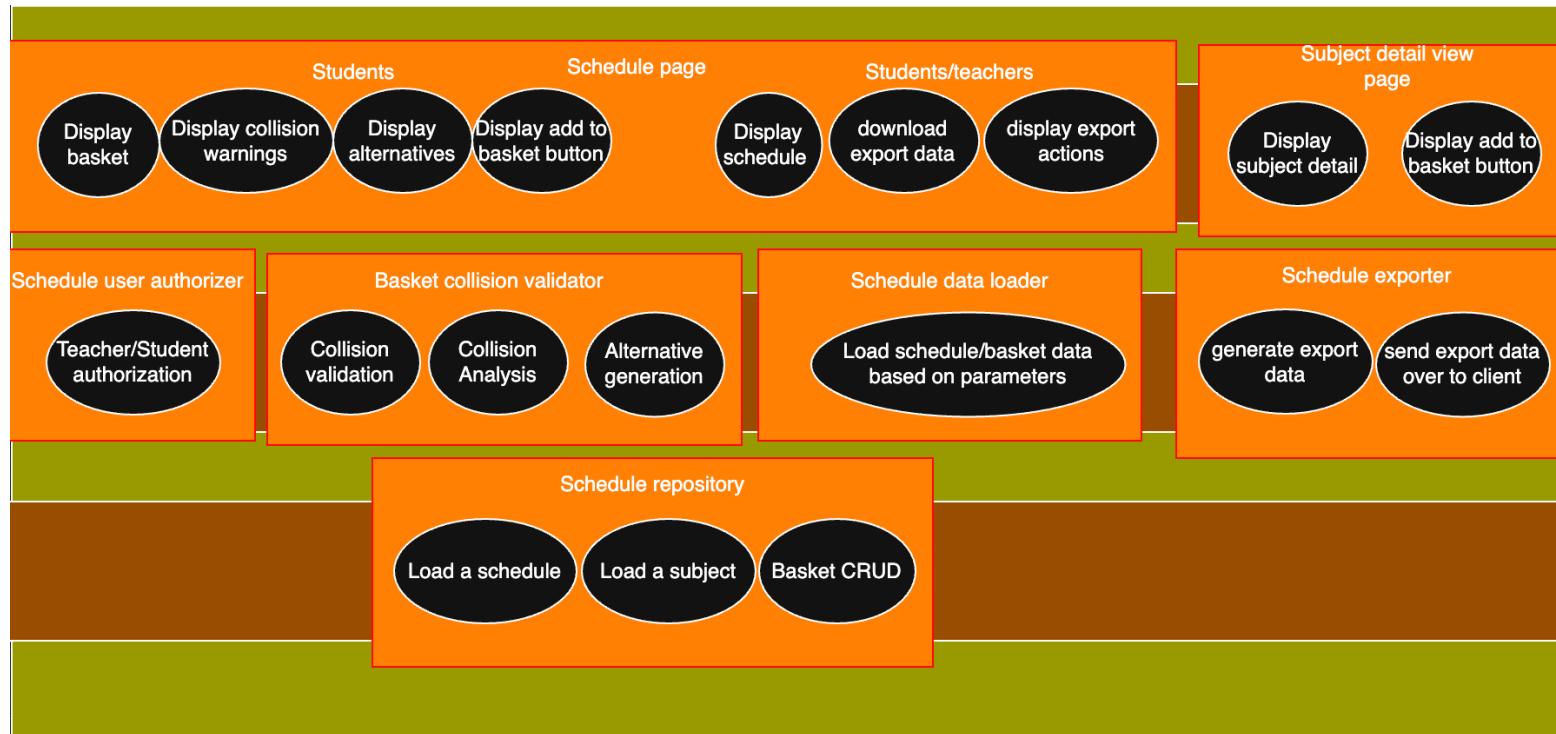
Everyone

Scheduling classes



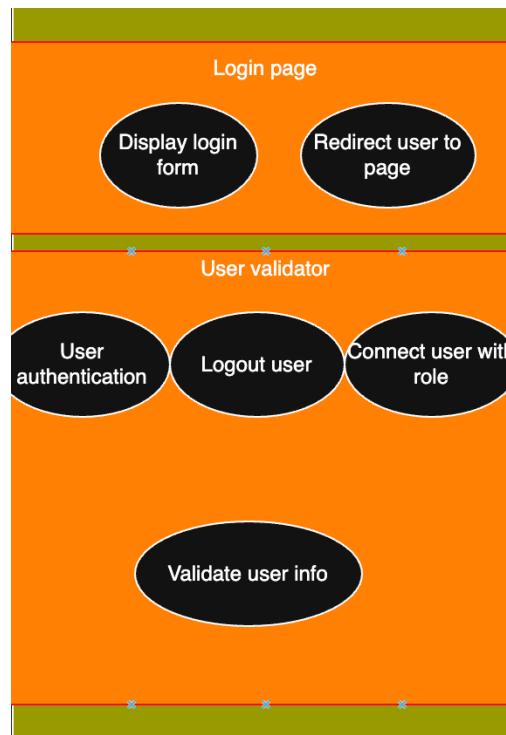
Everyone

Access to Schedules



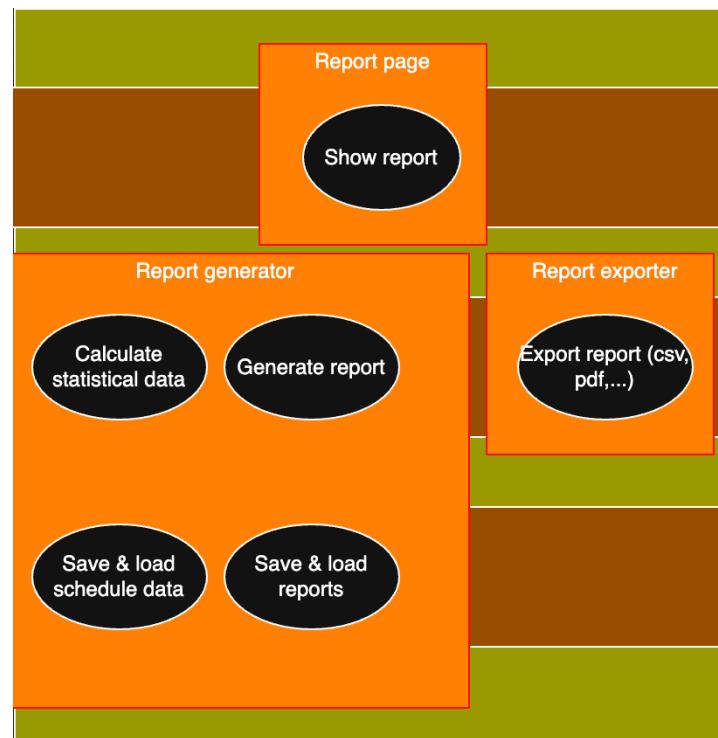
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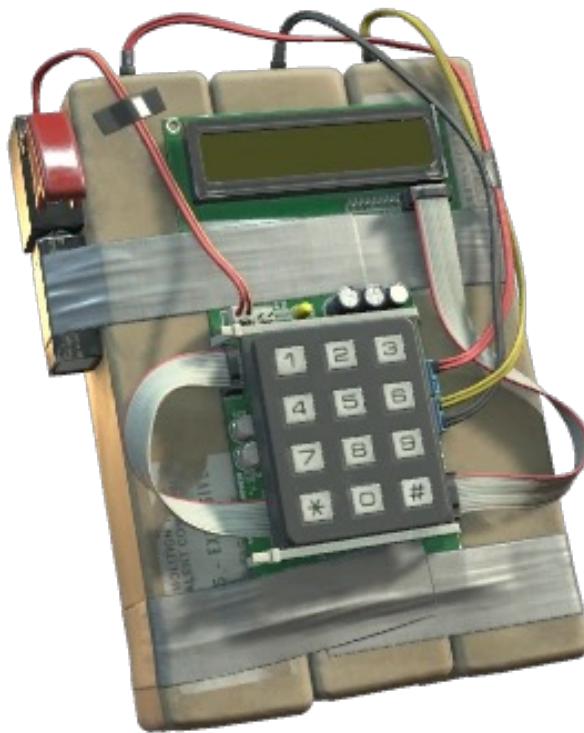
User Validation



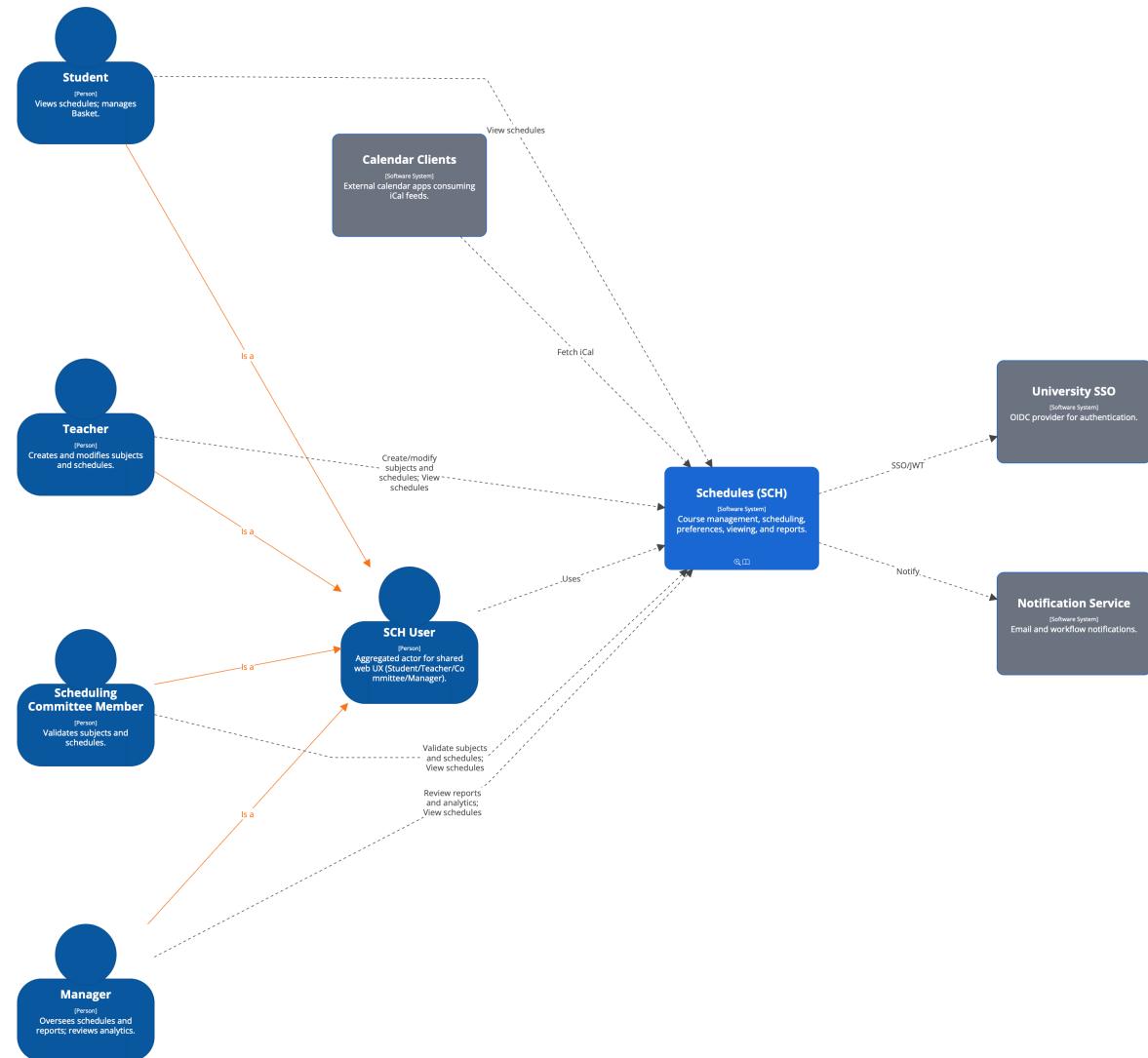
Everyone

Statistical reporting

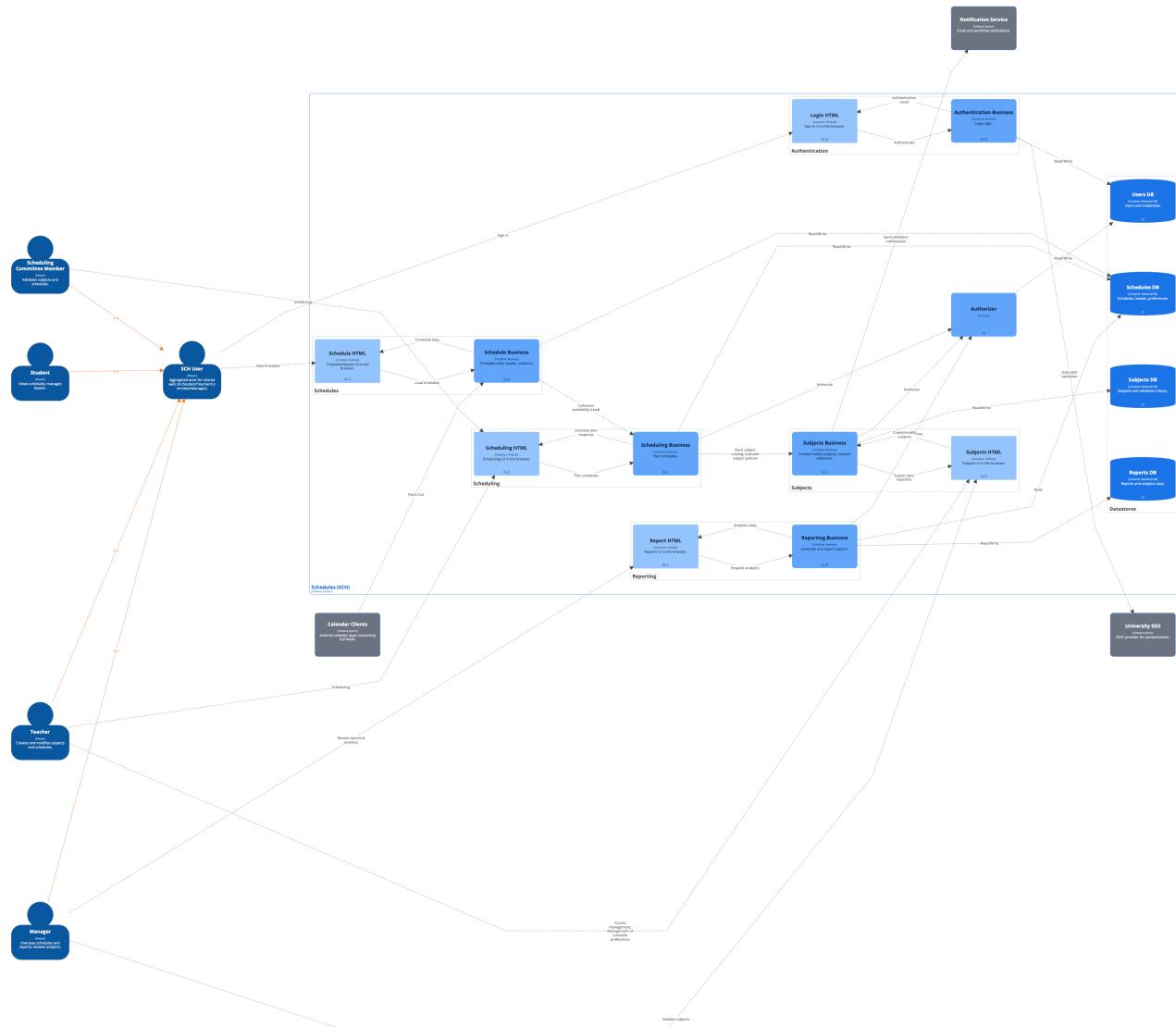


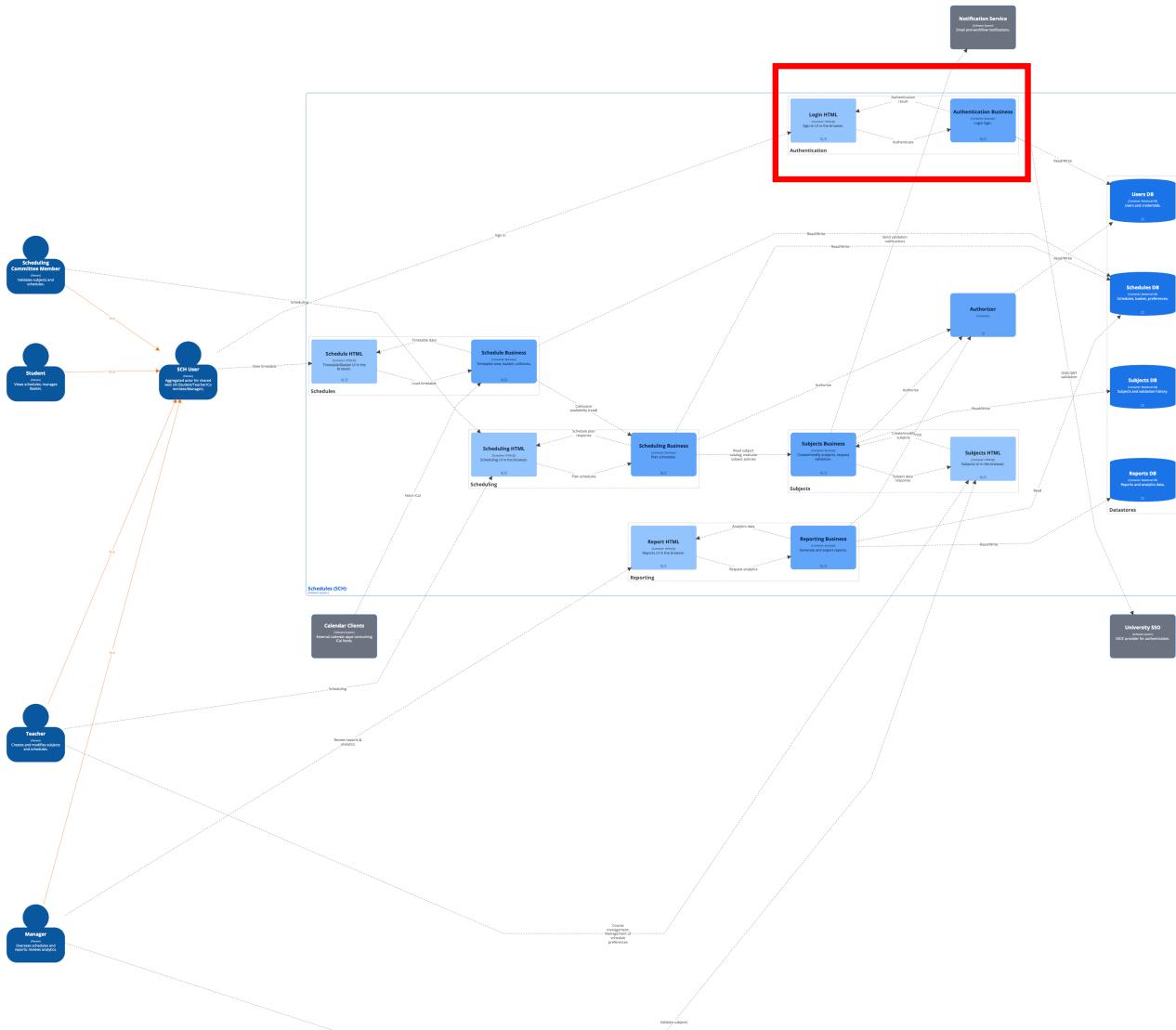


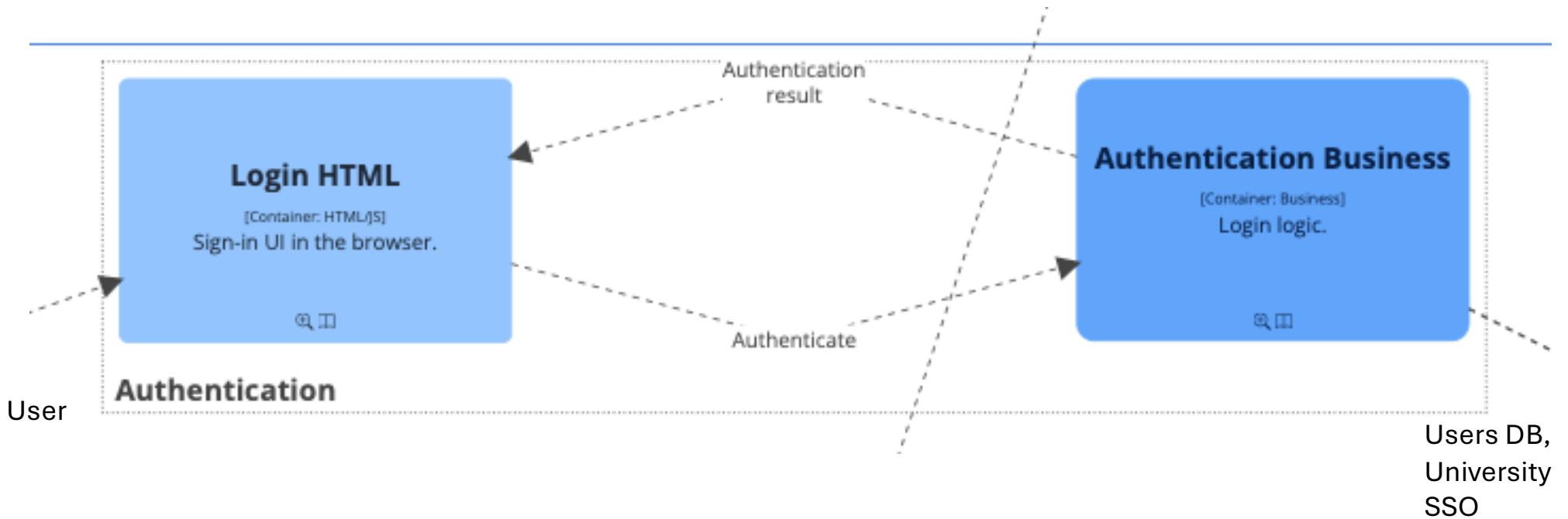
Faustus, Turčan

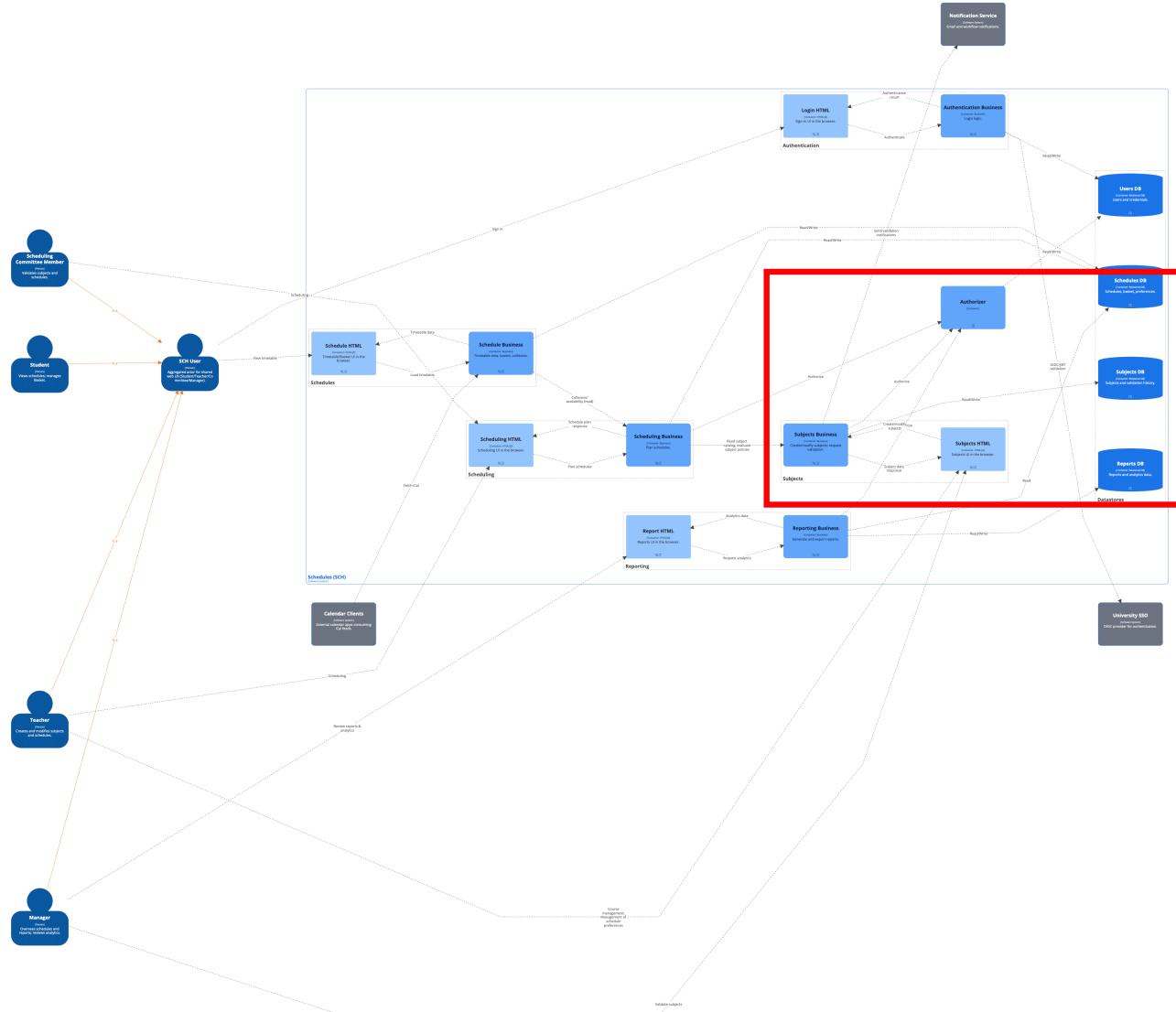


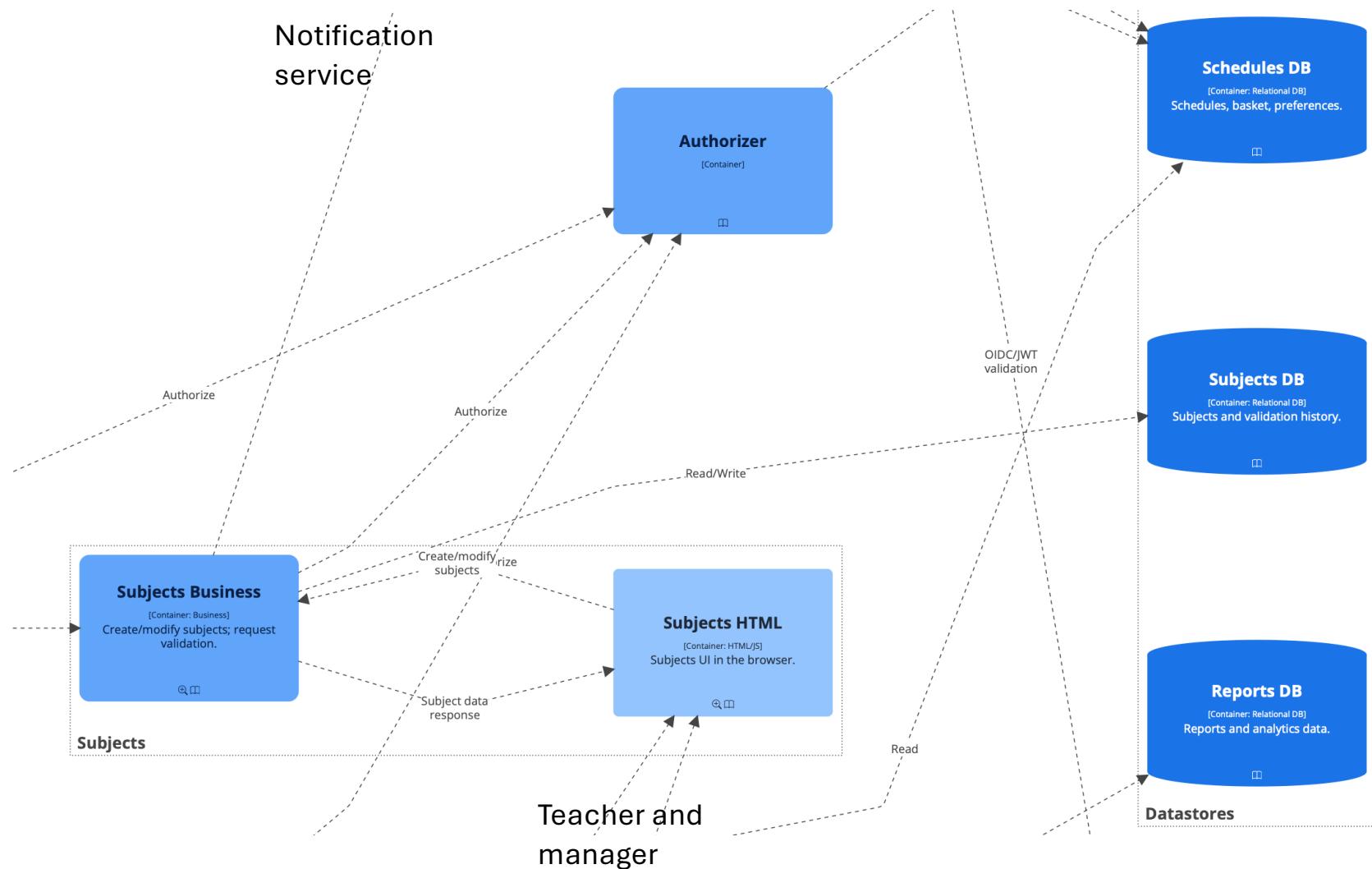
Turčan, Faustus

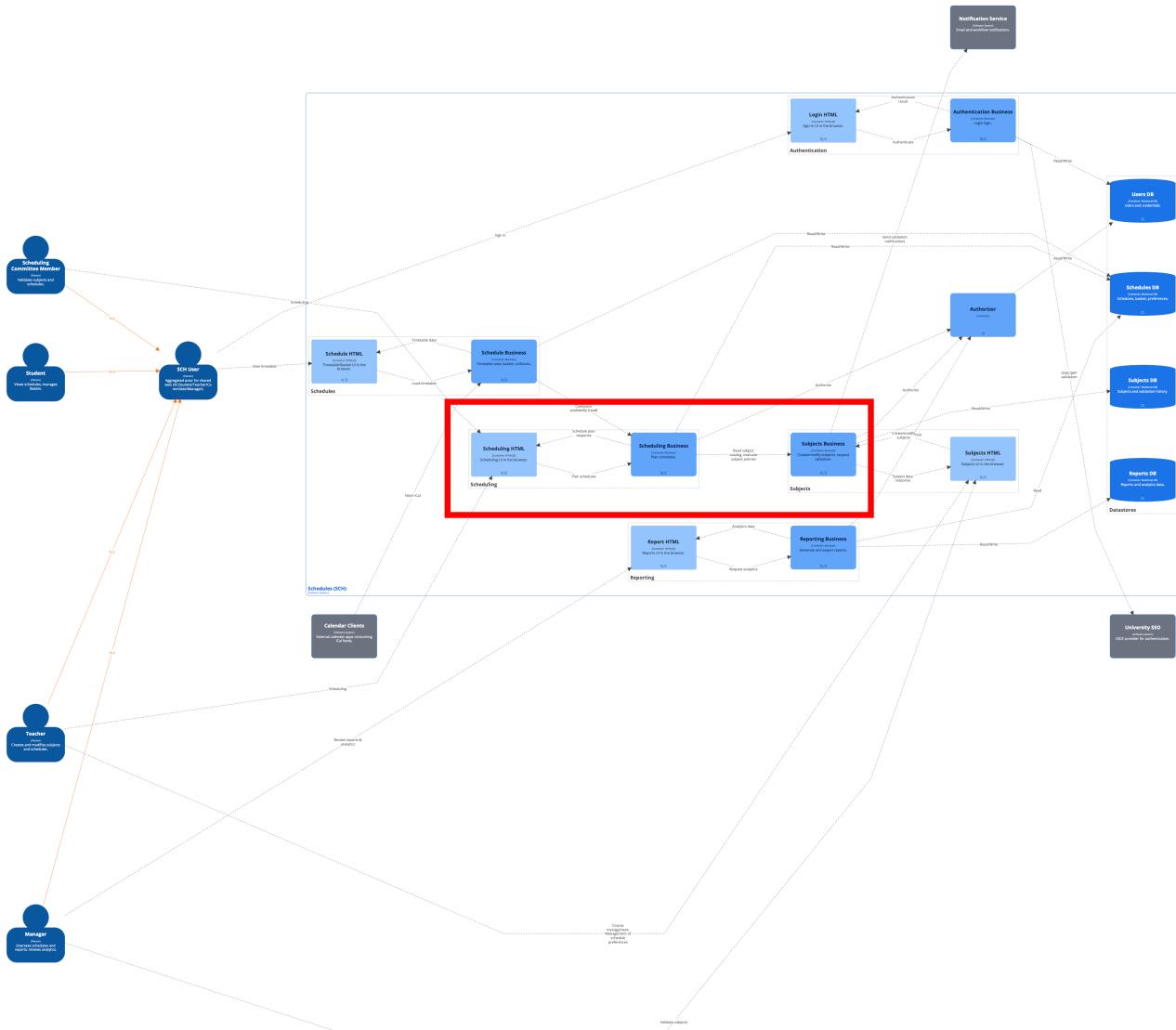


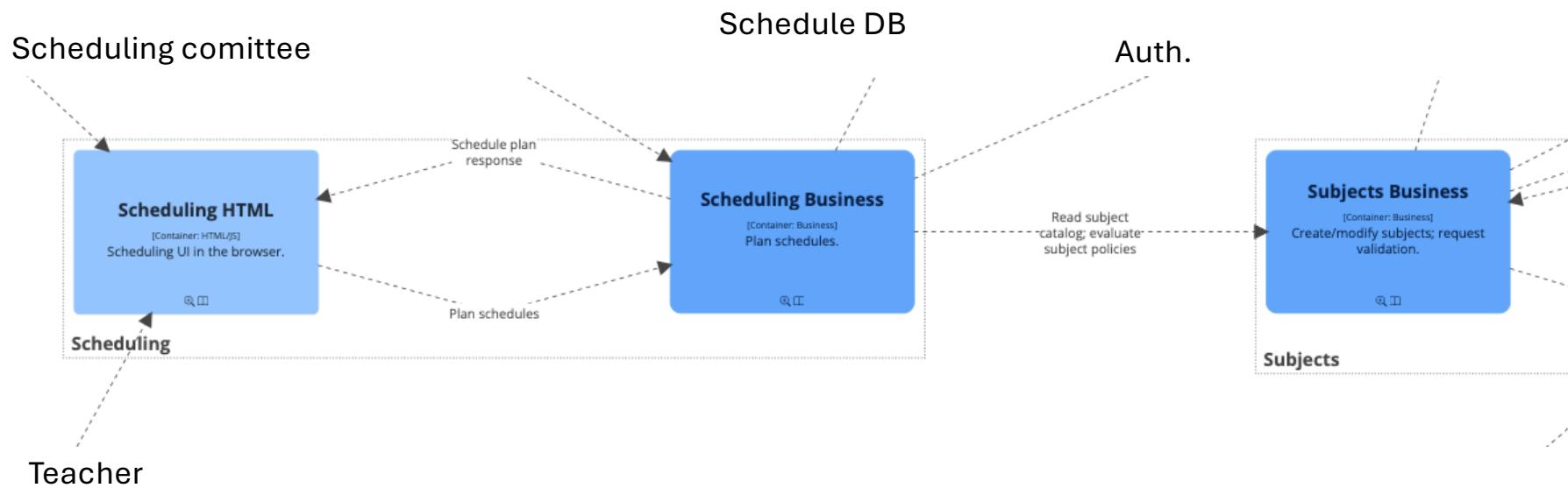


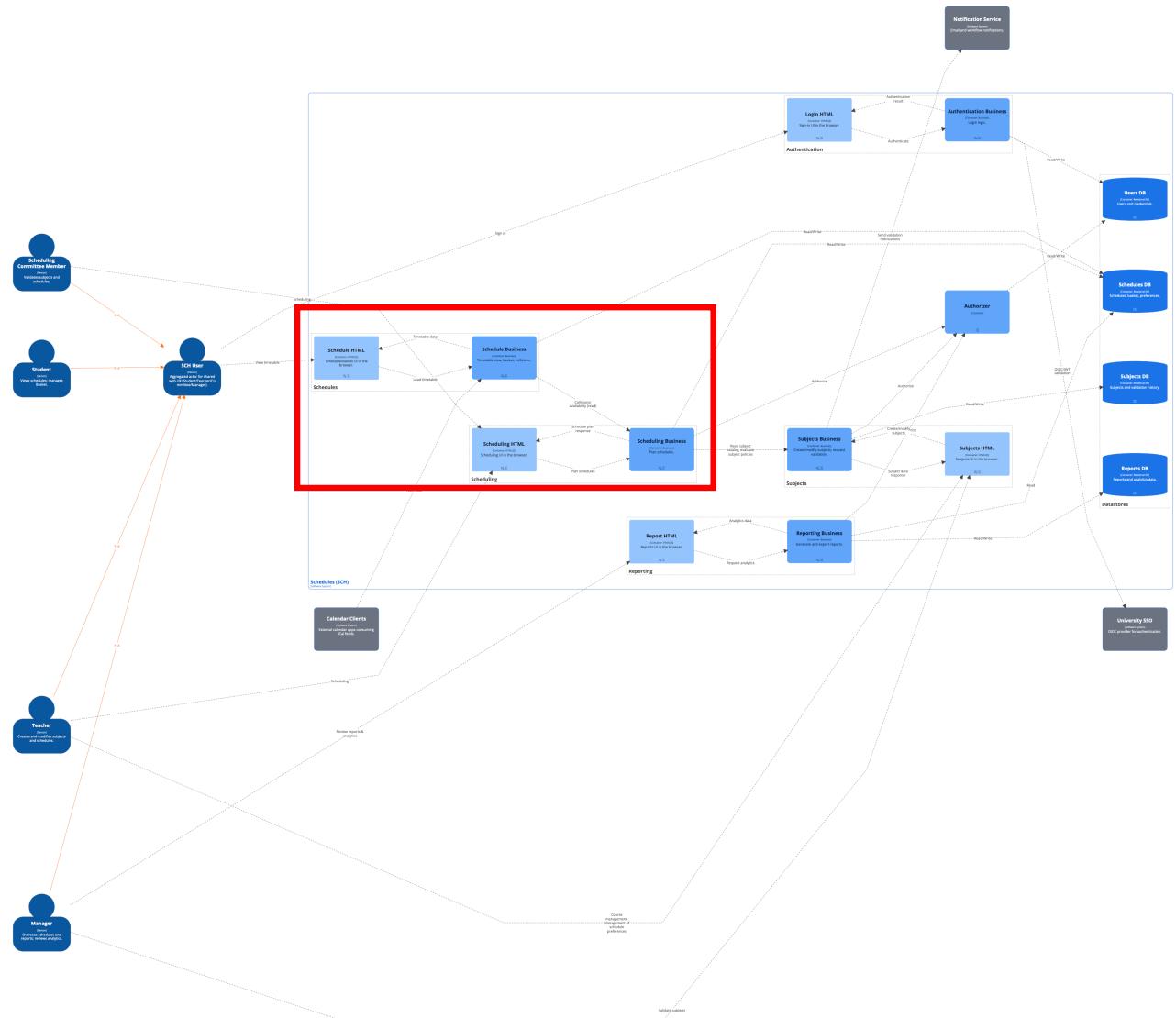


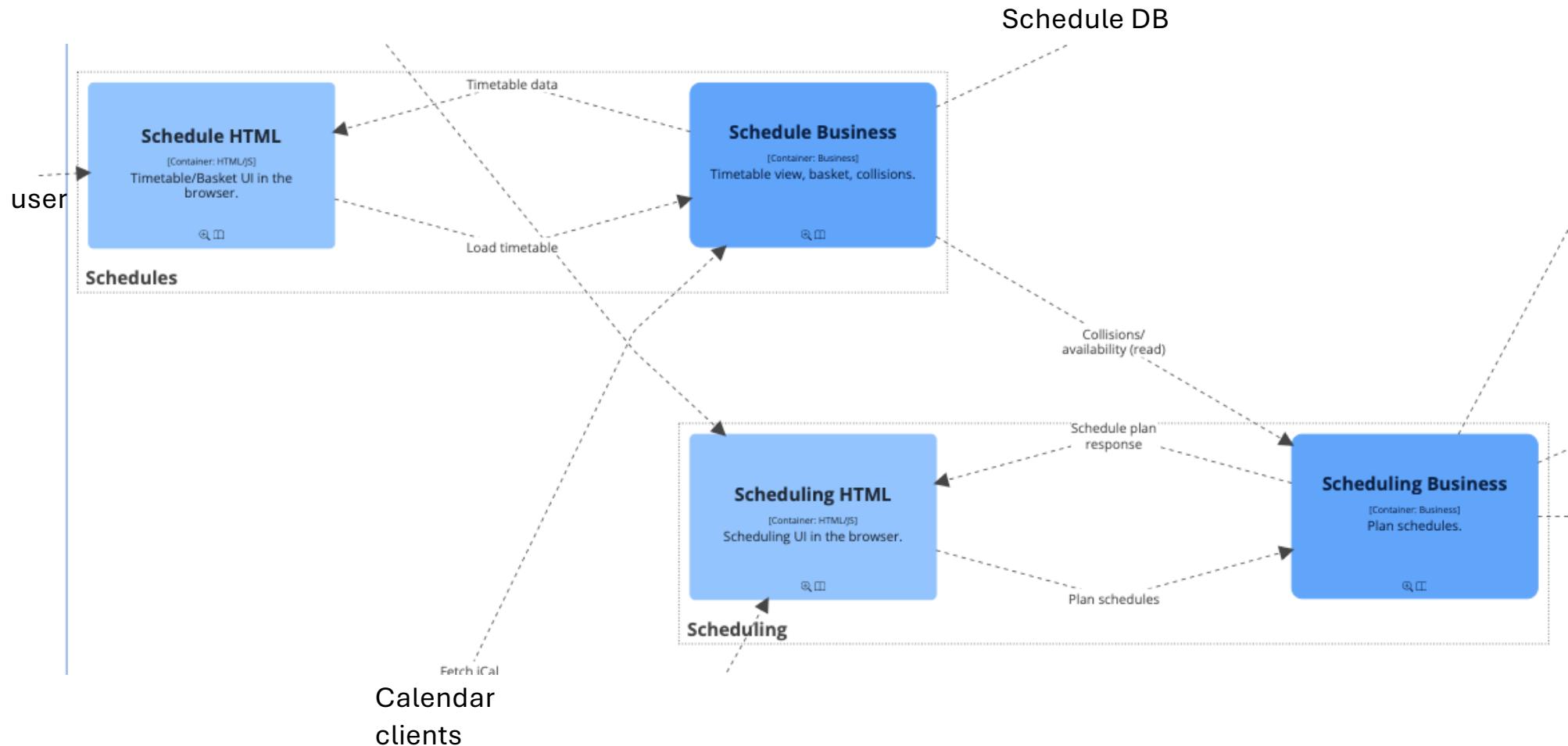


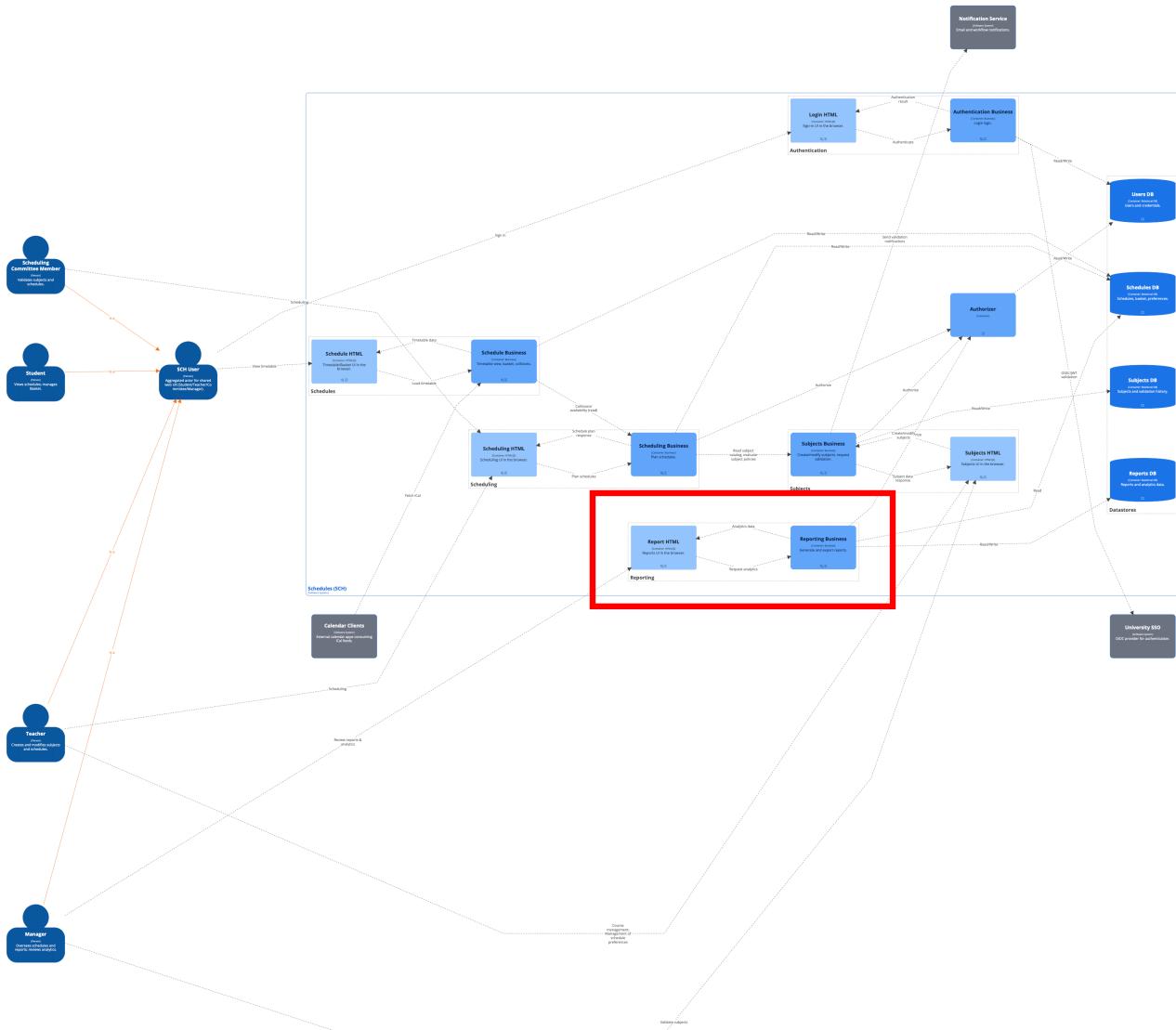


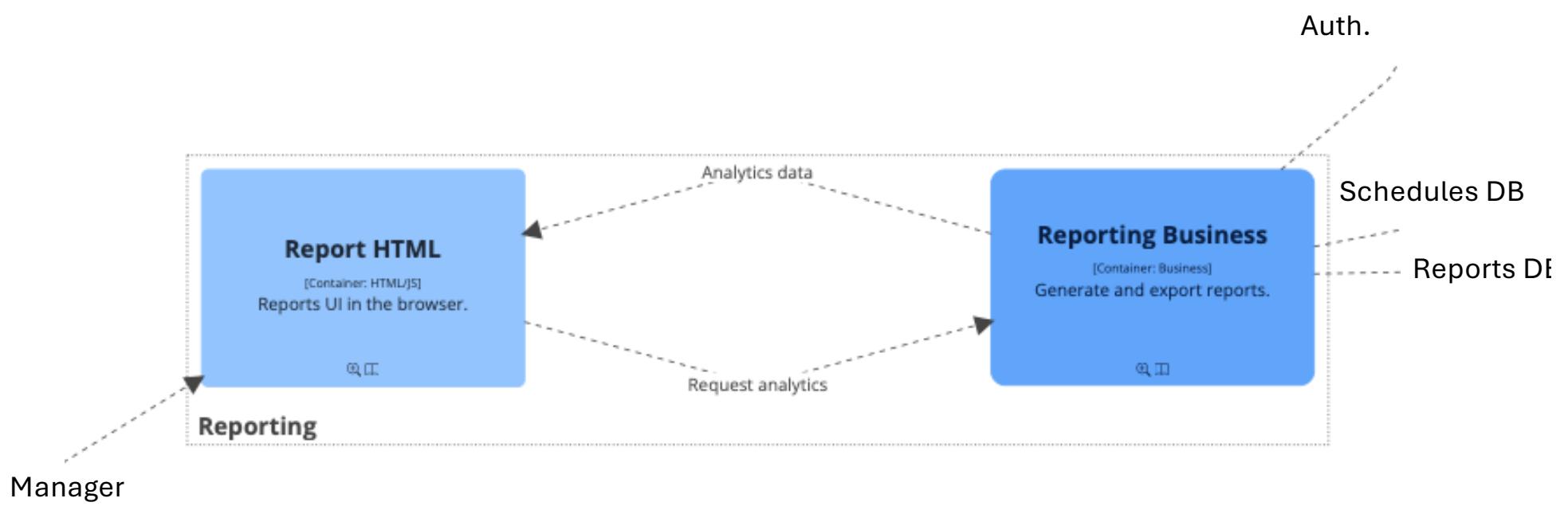










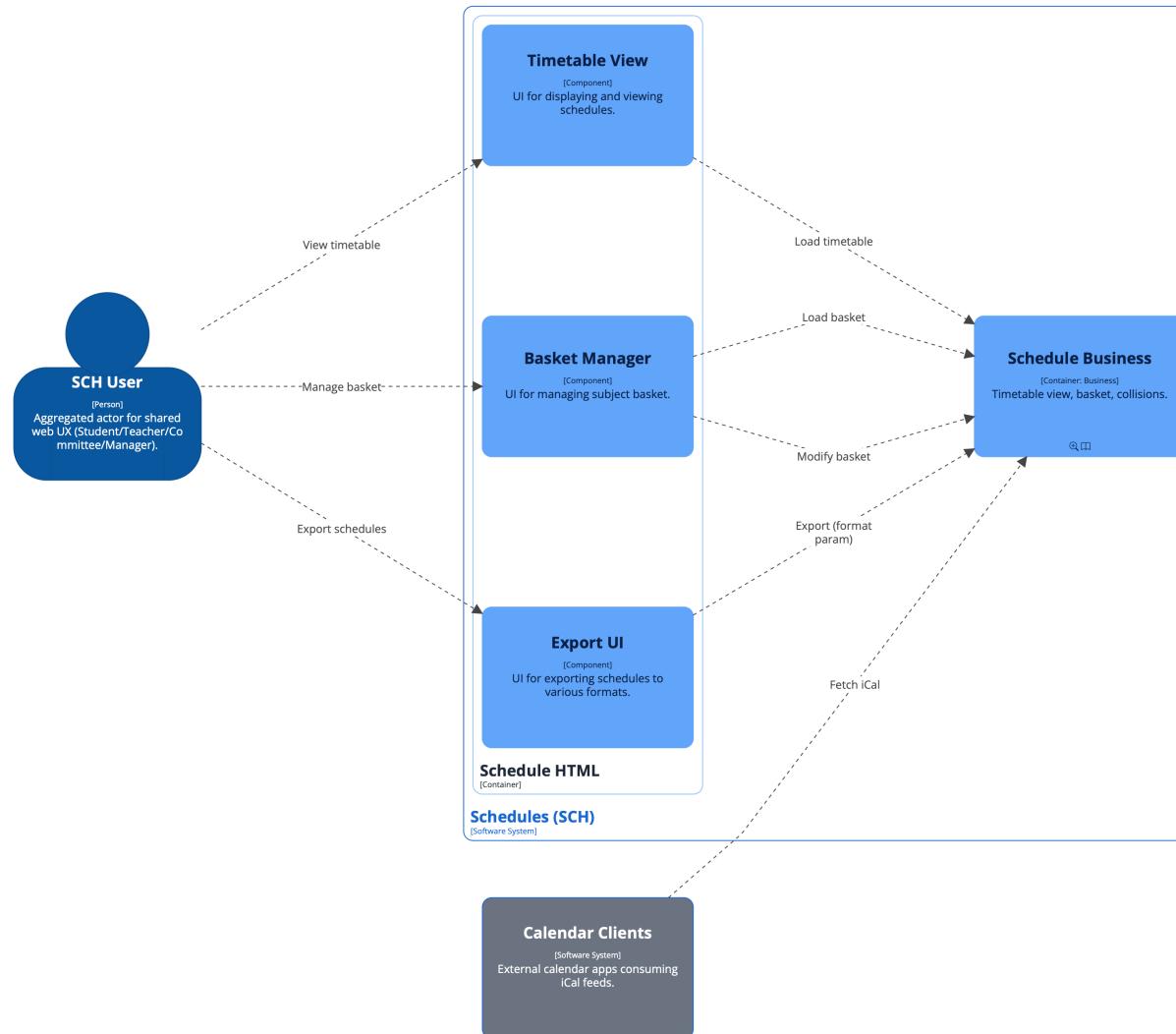


Schedule HTML

[Container: HTML/JS]

Timetable/Basket UI in the
browser.



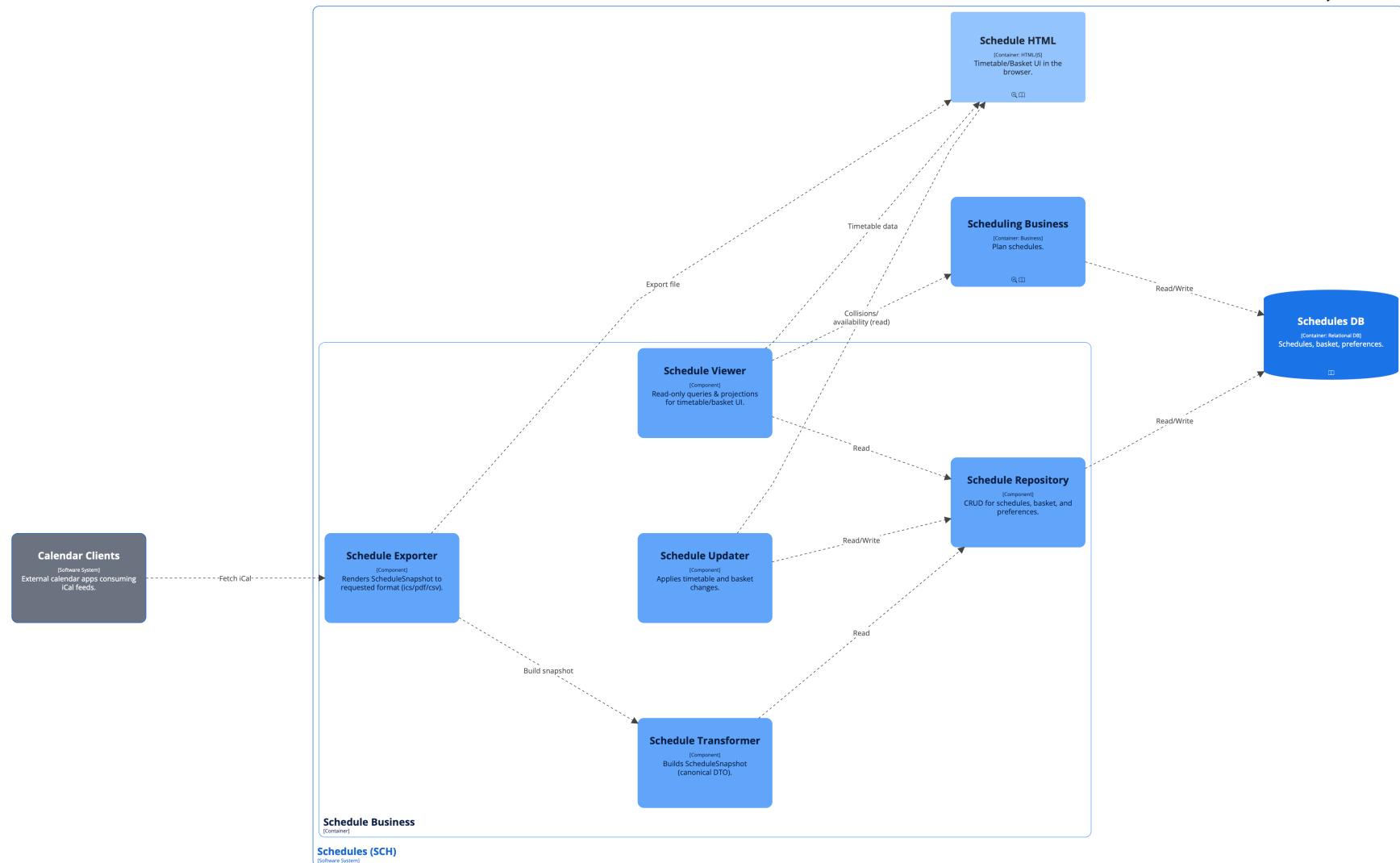


Schedule Business

[Container: Business]

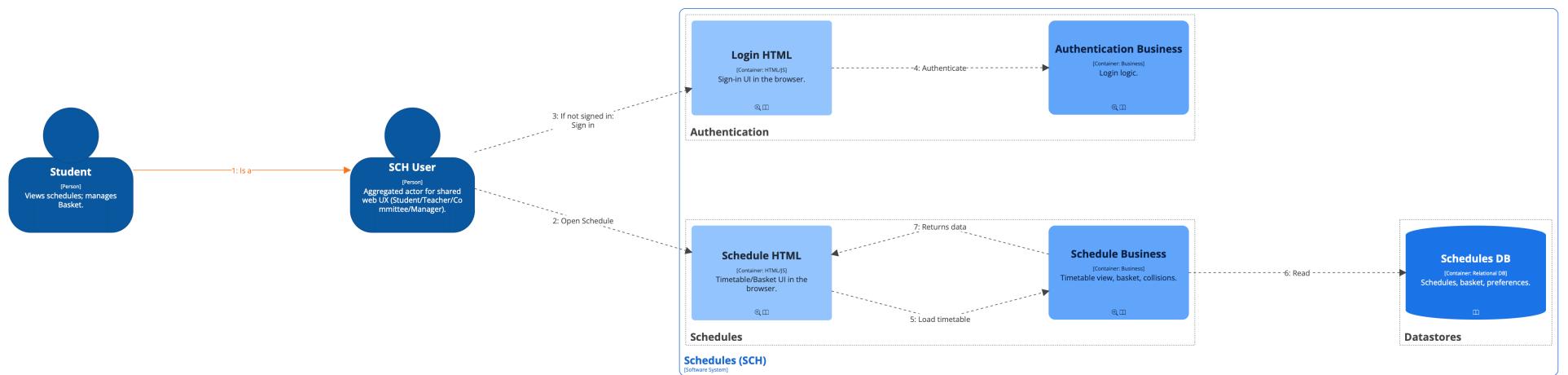
Timetable view, basket, collisions.





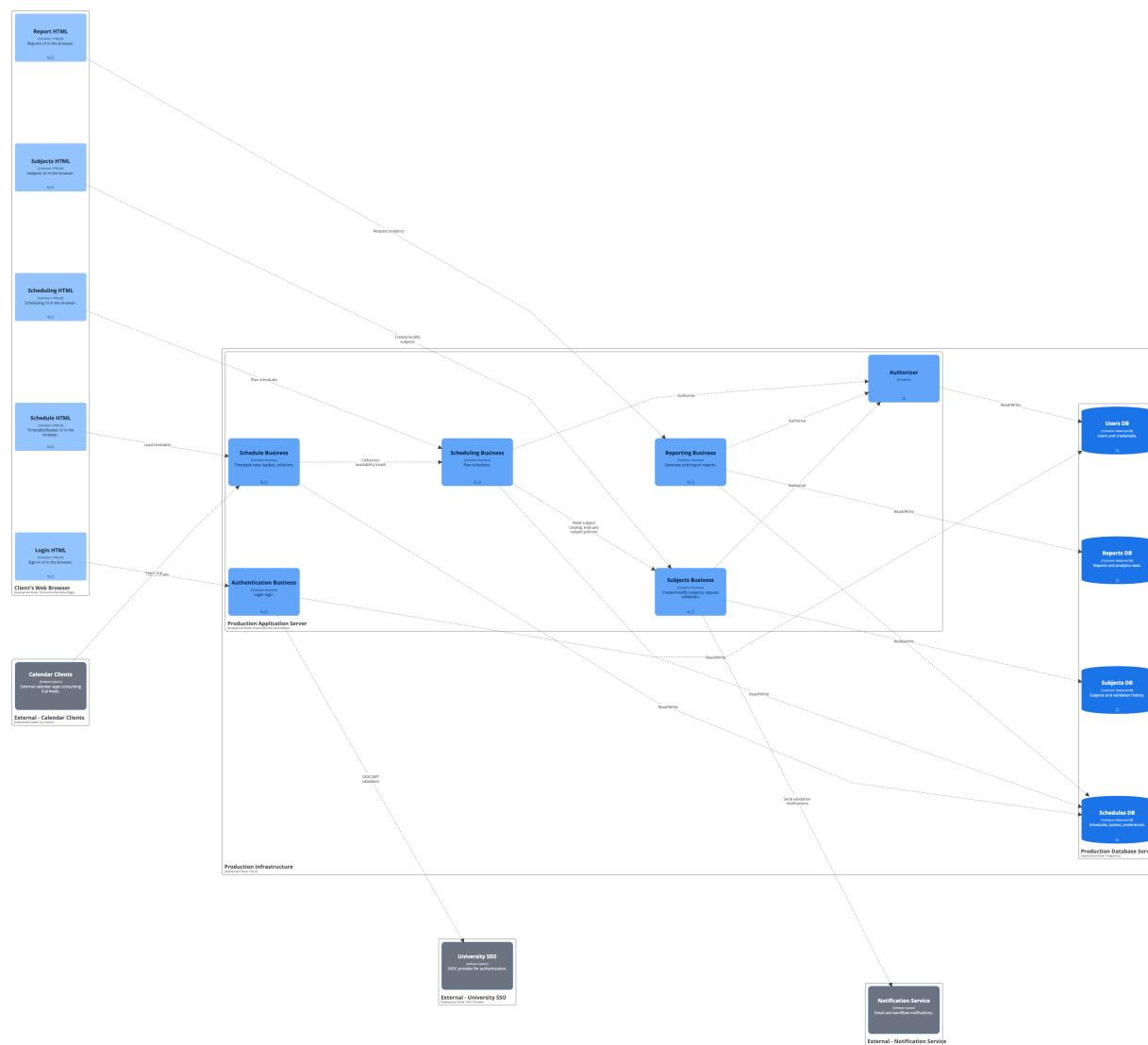
Dynamic diagram - View schedules (Student)

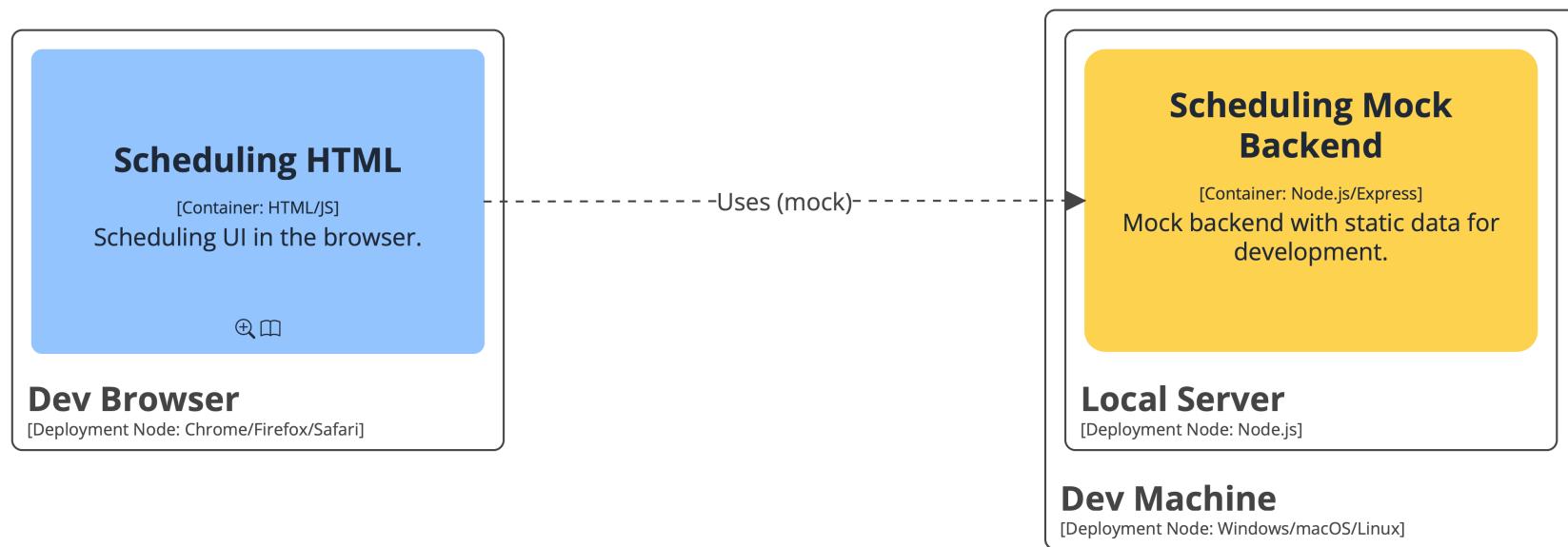
Toma



Deployment diagrams

Toma, Helmich





Questions?