

Condofy

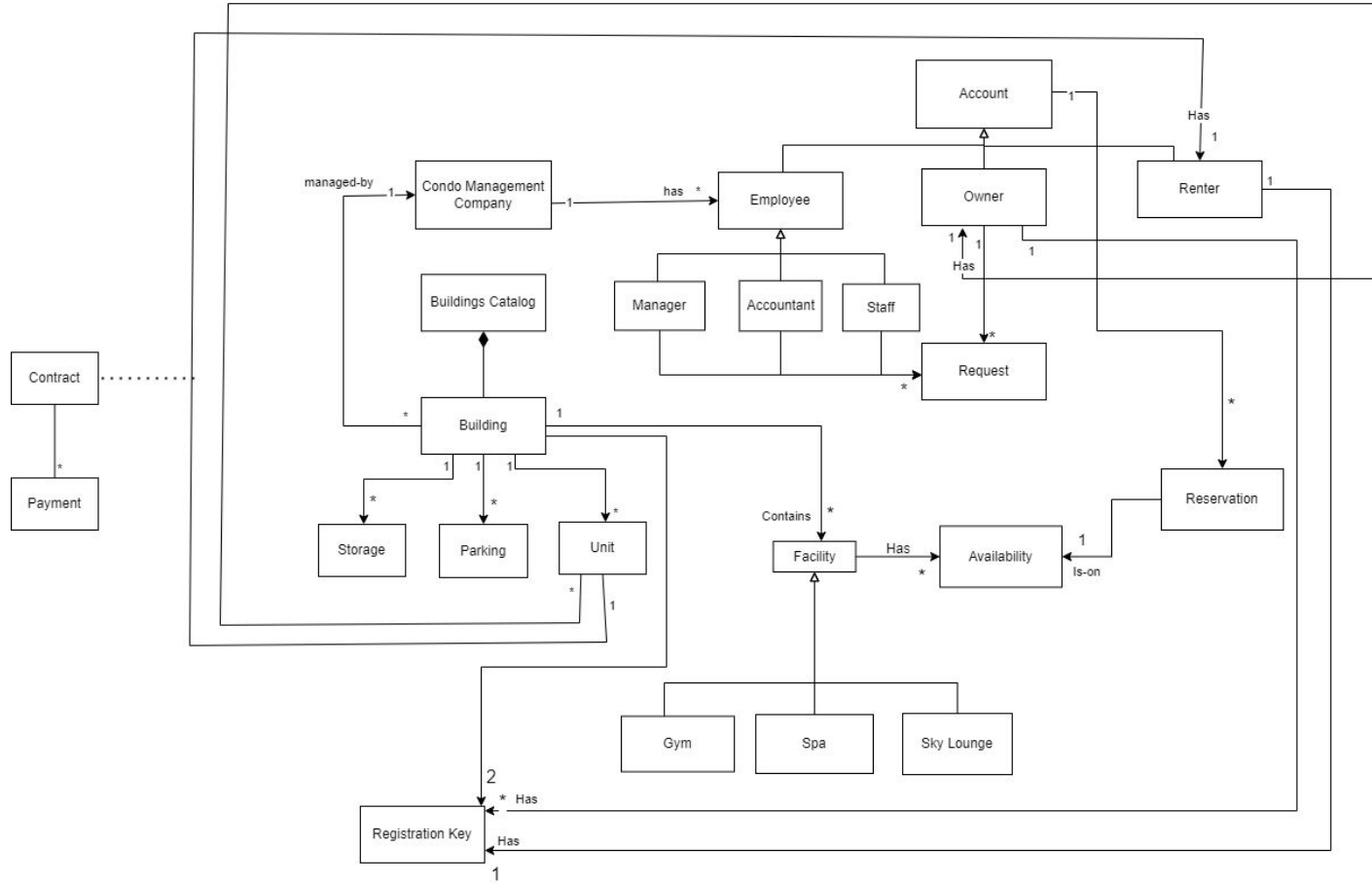
A Condo Management System

Functionalities

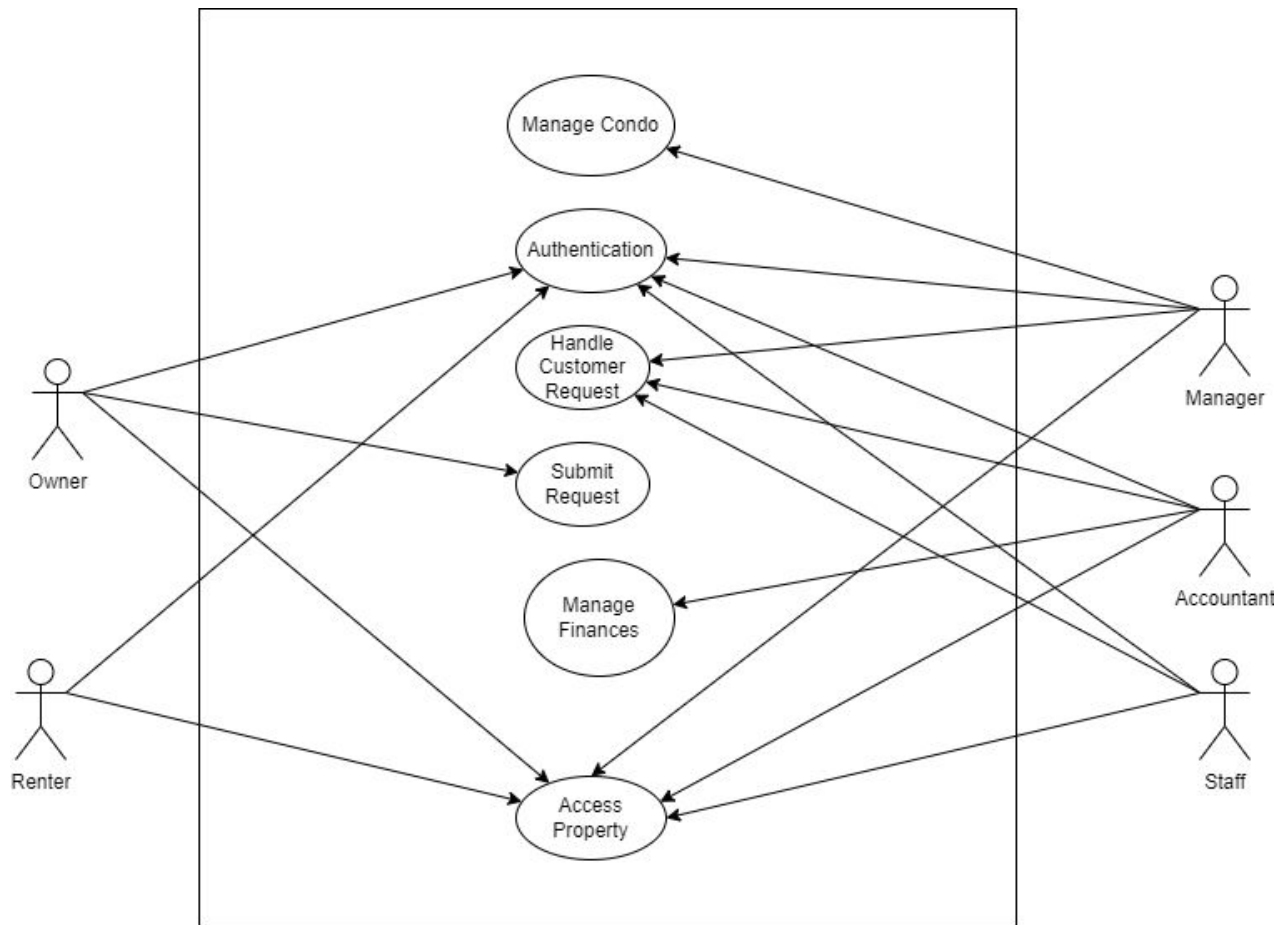
1. User Profiles:
 - Public users create profiles with basic info and registration keys.
2. Owner Dashboard:
 - View property details, finances, and request status.
3. Management Profiles:
 - Create property profiles, upload documents, manage unit details.
4. Financial System:
 - Record fees, generate reports, manage costs.
5. Reservation System:
 - Book common facilities, check availability.
6. Employee Roles:
 - Assign roles to property staff.
7. Request Management:
 - Submit and track requests, receive notifications.

Bonus: The app is accessible on Android, iOS, as well as the web.

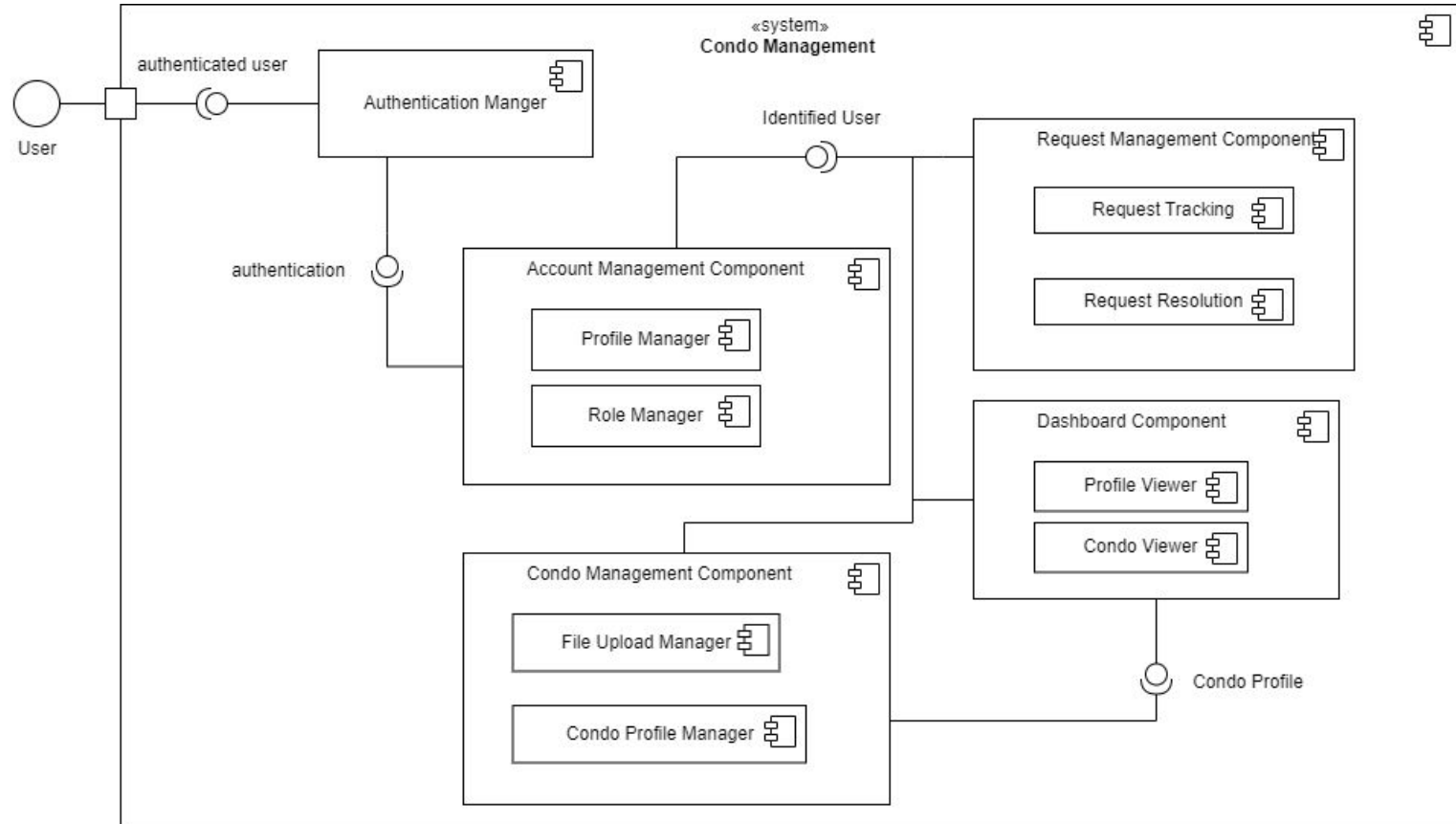
Domain Model



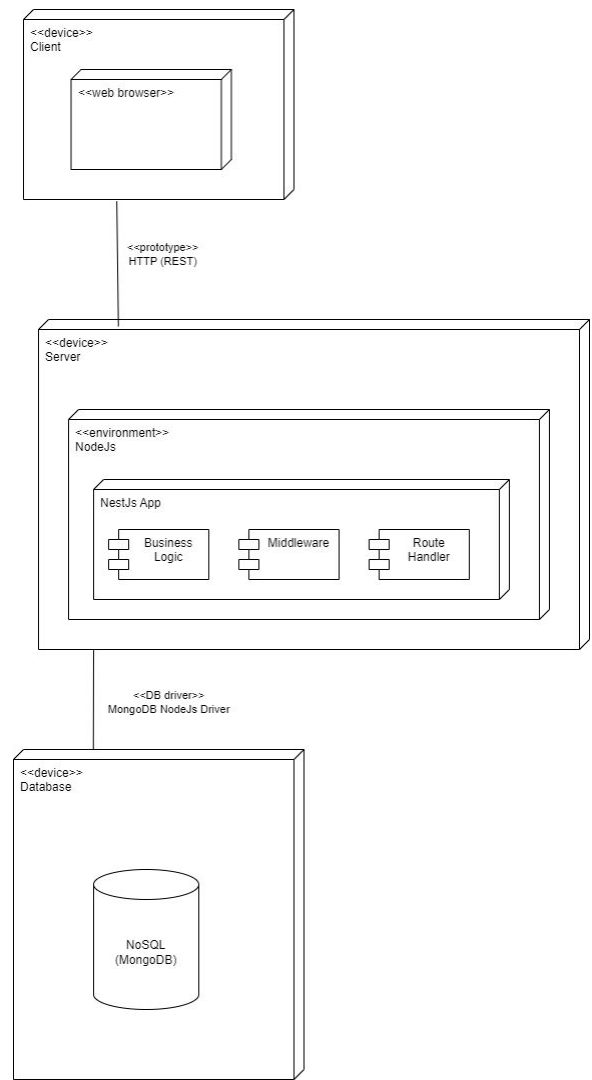
Use Case



Component Diagram



Deployment Diagram



Testing

- 85.2% Test Coverage: 80% + coverage achieved

All files

85.2% Statements 812/953 49.16% Branches 88/179 80.43% Functions 148/184 84.87% Lines 741/873

Press *n* or *j* to go to the next uncovered block, *b*, *p* or *k* for the previous block.

Filter:

File		Statements		Branches		Functions		Lines	
src	<div><div></div></div>	100%	13/13	100%	0/0	100%	3/3	100%	9/9
src/auth	<div><div></div></div>	95.94%	71/74	76.47%	13/17	100%	9/9	95.45%	63/66
src/auth/decorators	<div><div></div></div>	100%	2/2	100%	0/0	100%	0/0	100%	2/2
src/building	<div><div></div></div>	89.7%	61/68	40%	4/10	90.9%	10/11	88.88%	56/63
src/cloudinary	<div><div></div></div>	60%	9/15	0%	0/2	25%	1/4	53.84%	7/13
src/company	<div><div></div></div>	78.26%	18/23	20%	1/5	80%	4/5	76.19%	16/21
src/facility	<div><div></div></div>	88.75%	150/169	51.61%	16/31	87.87%	29/33	88.6%	140/158
src/notification	<div><div></div></div>	75%	6/8	100%	0/0	33.33%	1/3	66.66%	4/6
src/parking	<div><div></div></div>	83.33%	65/78	30.76%	4/13	77.77%	14/18	84.5%	60/71
src/requests	<div><div></div></div>	80.26%	61/76	33.33%	5/15	64.28%	9/14	80.28%	57/71
src/storage	<div><div></div></div>	84.61%	66/78	38.46%	5/13	77.77%	14/18	84.5%	60/71
src/unit	<div><div></div></div>	87.19%	177/203	59.09%	26/44	94.87%	37/39	87.36%	166/190
src/user	<div><div></div></div>	77.39%	113/146	48.27%	14/29	62.96%	17/27	76.51%	101/132

Web App

Property DashboardManage EmployeesRequestsMA

Hi Manager

Here's a list your company's properties!

Create Property

View

Name TL	Address	Units	Parkings	Storage	
Property	12345 Rue SomeStreet	2	1	0	---
Exe	mmmmmmmaaaa	0	0	0	---

Rows per page5

Page 1 of 1

Property DashboardManage EmployeesRequestsMA

Unit

Manage Building Assets

+ Add Unit

Filter by unit number...

View

Unit Number TL	Size (r0)	Fees (\$/r0)	Financial Status	Availability	Registration Keys
No results.					

Rows per page5

Page 1 of 0

My PropertiesReservationsRequestsOW

Hi Owner

Here are the properties you own!

Claim Property

Property

12345 Rue SomeStreet

Unit

Unit Number0

Size5 m

Fees\$1,500

Available To Rent

View Amenities

Monthly Fees\$1,500

Remaining Balance\$0

My PropertiesReservationsRequestsOW

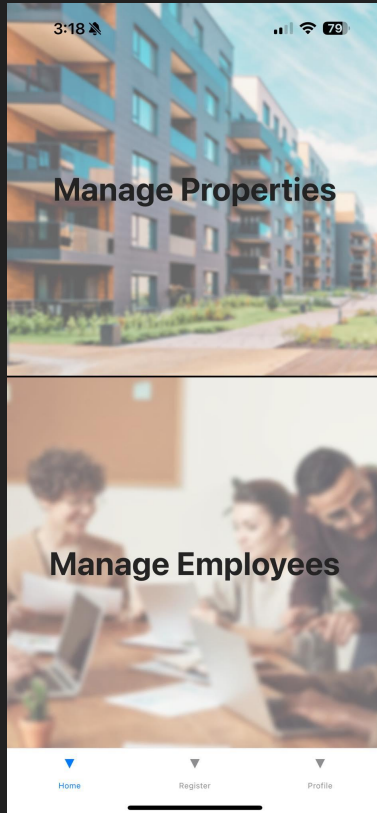
Facility Reservation

Make New Reservation

No Reservations found

Welcome to our Facility Reservation Platform! Quickly find and book the amenities in your property with ease. Check availability and secure your spot in just a few clicks, ensuring a hassle-free experience as you enjoy all your property has to offer.

Mobile App



The registration screen of the mobile app features a white background. At the top, there is a status bar showing the time as 3:18, signal strength, Wi-Fi, and battery level at 79%. Below the status bar, there is a circular logo with a building icon. Below the logo, there are two buttons: 'Owner / Tenant' and 'Company Manager'. Below these buttons, there are four input fields: 'Name' (with the placeholder text 'John Doe'), 'Email Address' (with the placeholder text 'johndoe@email.com'), 'Phone Number' (with the placeholder text '614613512'), and 'Password' (with the placeholder text '*****'). Below the input fields, there is a button labeled 'Upload Picture' with an upward arrow icon. Below the 'Upload Picture' button, there is a large black button labeled 'Sign Up'. At the bottom of the screen, there is a text line: 'By continuing, you agree to our Terms of Service and Privacy Policy. Already have an account ? [Sign In](#)'. At the bottom of the screen, there is a navigation bar with three icons: a blue triangle pointing down, a black triangle pointing down, and a black triangle pointing down. Below these icons are the labels 'Home', 'Register', and 'Profile' respectively.

The user profile screen of the mobile app features a white background. At the top, there is a status bar showing the time as 3:18, signal strength, Wi-Fi, and battery level at 79%. Below the status bar, there is a circular logo with a building icon. Below the logo, there is a title 'User Profile'. Below the title, there are four input fields: 'Name' (with the placeholder text 'John Doe'), 'Email Address' (with the placeholder text 'johndoe@email.com'), 'Phone Number' (with the placeholder text '614613512'), and 'Password' (with the placeholder text '*****'). Below the input fields, there is a button labeled 'Upload Picture' with an upward arrow icon. Below the 'Upload Picture' button, there is a large black button labeled 'Update Profile'. At the bottom of the screen, there is a text line: 'By continuing, you agree to our Terms of Service and Privacy Policy.'. At the bottom of the screen, there is a navigation bar with three icons: a blue triangle pointing down, a black triangle pointing down, and a black triangle pointing down. Below these icons are the labels 'Home', 'Register', and 'Profile' respectively.

Apps

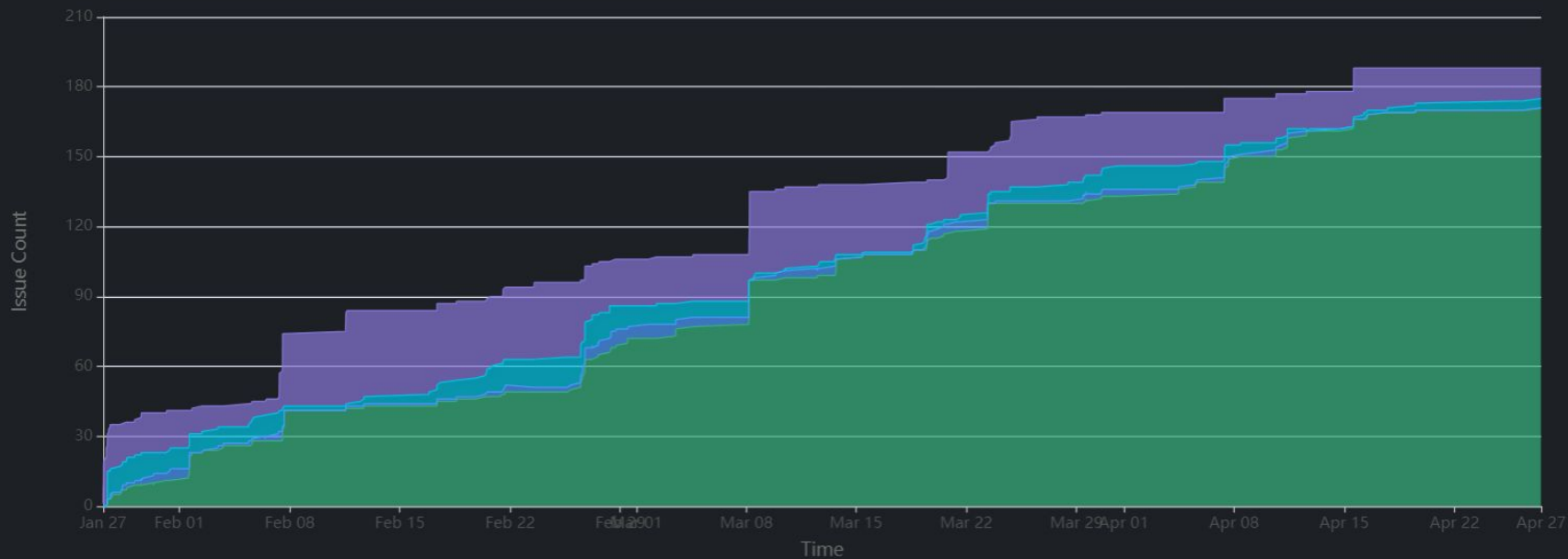
- Server: <https://condofy.onrender.com/>
- Web App (Client): <https://condo-management-client.vercel.app/>
- Mobile App: React-Native Application

Demos:

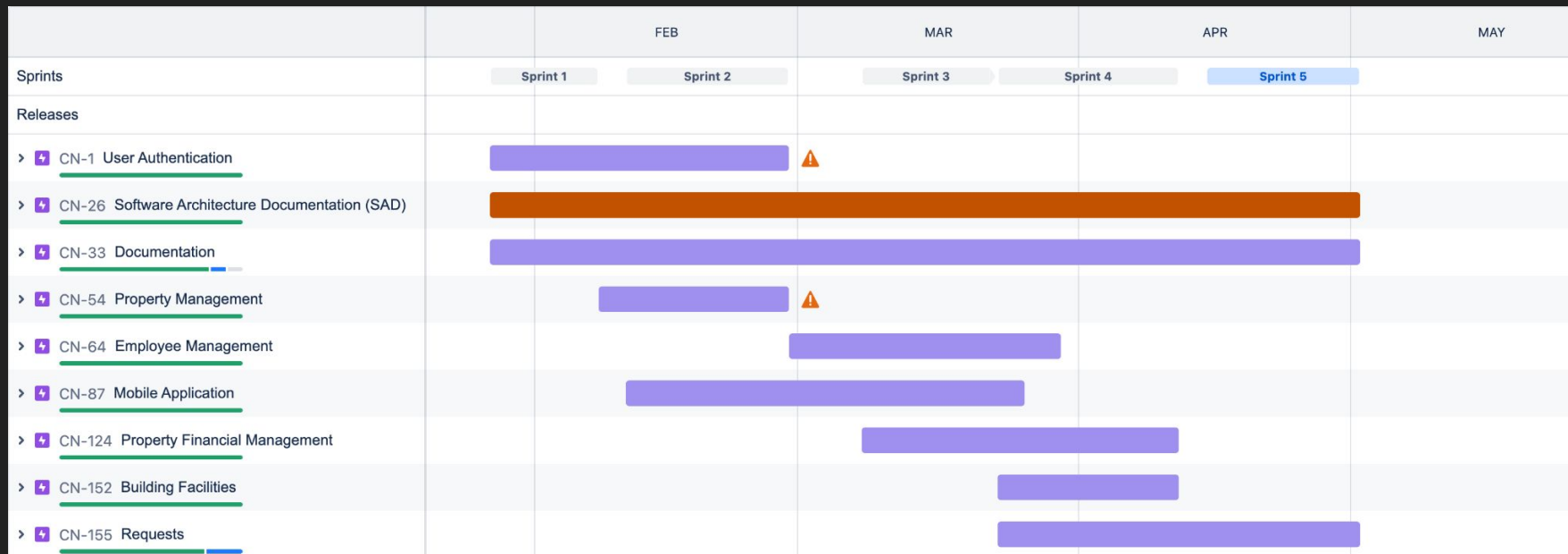
- <https://drive.google.com/file/d/1X0sApvwdpzbnhbG0HpQxdvB0Q4uFpmDy/view?usp=sharing>

Flow Diagram

✓ To Do ✓ In Progress ✓ In Review ✓ Done



Timeline



Retrospective

- **Challenges:**
 - Early sprints faced issues with time management, task distribution, and maintaining a clear product vision.
 - Technical challenges such as code compatibility, domain model refactoring, and achieving test coverage due to backend complexity.
 - Deployment issues and mobile app development.

Retrospective Cont'

- **Successes:**

- Effective communication and strong team collaboration.
- The team consistently adhered to agile practices, enhancing flexibility and rapid adaptation to changes.
- High standards in code quality and effective use of collaborative tools helped in maintaining productivity and reducing errors.
- Robust stakeholder engagement ensured the project remained aligned with user expectations throughout.

How to Improve

1. **Enhanced Time Management:**

- Use time tracking tools for better task management.

2. **Improved Task Distribution:**

- Use skills matrices for task allocation and review assignments regularly for fairness and efficiency.

3. **Clearer Product Vision:**

- Create a detailed project charter and hold frequent alignment sessions.

4. **Addressing Technical Challenges:**

- Strengthen code reviews, invest in automated testing tools, and conduct regular refactoring.

5. **Streamlining Deployment Processes:**

- Optimize CI/CD pipelines and conduct pre-deployment checks.

6. **Mobile App Development:**

- Adopt responsive design from the start and increase collaboration between developers and designers.

QA Time!