Condo Management Company

Sprint 3

Submitted By (Team 17): Amar Mahmoud, Camila-Paz Vejar-Rojas, Andy Chhuon, Gulnoor Kaur, Jonah Ball, Mohammad Usman, Nusrath Zaman, Mark Tadros, James Bitharas

Documents Updated

- SAD
  - Added Class Diagram, updated Domain Diagram and Activity Diagram
- Risk Assessment and Risk Management Plan
- Release Plan
- Testing Report
- UI Prototypes
- Code Style & Code Quality
- Bug report

Implemented User Stories

User Story ID	Sub-User Stories	User Story Points (USP)	Priority	Status	Expected Sprint
1. User Profile Authentication	1.1. Validate unique profile	2	High	Done	Sprint 1
2. Condo Owner's Dashboard	2.1. Display profile information	3	High	Done	Sprint 2
	2.2. Overview of owned properties				
	2.3. Financial status				
	2.4. Requests submitted				
3. Condo Management Company Profile	3.1. Property Profiles	3	High	Done	Sprint 2
	3.2. Uploading condo files				
	3.3. Include detailed information for condo units				
	3.4. Arrange exchange of registration keys				
4. Financial System	4.1. Setting condo fees	5	High	Done	Sprint 2
	4.2. Condo fee calculation				
	4.3. Record operational budget				
	4.4. Generate annual financial reports				

7. Request Management System	7.1. Implement different request types	2	Medium/Low	Todo	Sprint 3
	7.2. Assign requests to employees				

Implemented User Stories (Sprint 1)

1. User Profile Authentication	1.1. Validate unique profile	2	High	Done	Sprint 1

Implemented User Stories (Sprint 2)

2. Condo Owner's Dashboard	2.1. Display profile information	3		High	Done	Sprint 2
	2.2. Overview of owned properties					
	2.3. Financial status					
	2.4. Requests submitted					
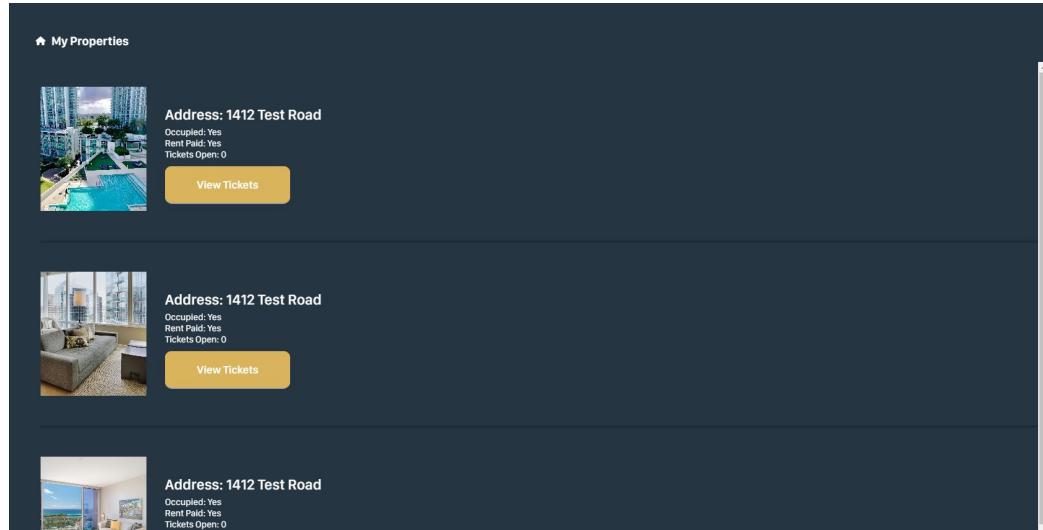
Implemented User Stories (Sprint 2)

3. Condo Management Company Profile	3.1. Property Profiles	3	High	Done	Sprint 2
	3.2. Uploading condo files				
	3.3. Include detailed information for condo units				
	3.4. Arrange exchange of registration keys				

Manage Your Properties

Listed Properties

Address:
54 Summit Cir, Westmount, Quebec H3Y 1B3
Number of Lockers: 2
Number of Parking Spots: 3
Property Name: West Island District #2
Unit Count: 2
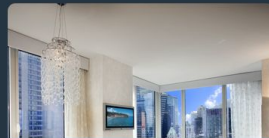**Property ID:** -NsC24QKNzBGdtoUEekP

View Listing

Manage Your Properties

Property Name

Unit Count

Address

Parking Count

Locker Count

Add Property

Listed Properties

Implemented User Stories (Sprint 2 & 3)

4. Financial System	4.1. Setting condo fees	5	High	Done	Sprint 2
	4.2. Condo fee calculation				
	4.3. Record operational budget				
	4.4. Generate annual financial reports				

⌂ Financial System

Fee per Square Foot

Fee per square foot

Parking Fee

Enter fee per parking

Update Fees

Cost Description

Cost Description

Cost Amount

Cost Amount

Add Cost Entry

Cost Entries:

Operational Budget
N/A

Generate Annual Report

Implemented User Stories (Sprint 3)

7. Request Management System	7.1. Implement different request types	2	Medium/Low	Todo	Sprint 3
	7.2. Assign requests to employees				

Testing

Tools: Jest and Cypress
     Jest used for unit testing & Cypress for integration testing

Tests done:

15 tests:

- 11 Unit tests: Condo Owner's dashboard, Management profile, Financial system & Request and customer support system.
- 3 integration tests: User authentications(login/signup) & profile editing
- 1 acceptance test: Company listing creation.

Testing Status

Coverage: achieved 80-92% coverage on unit tests
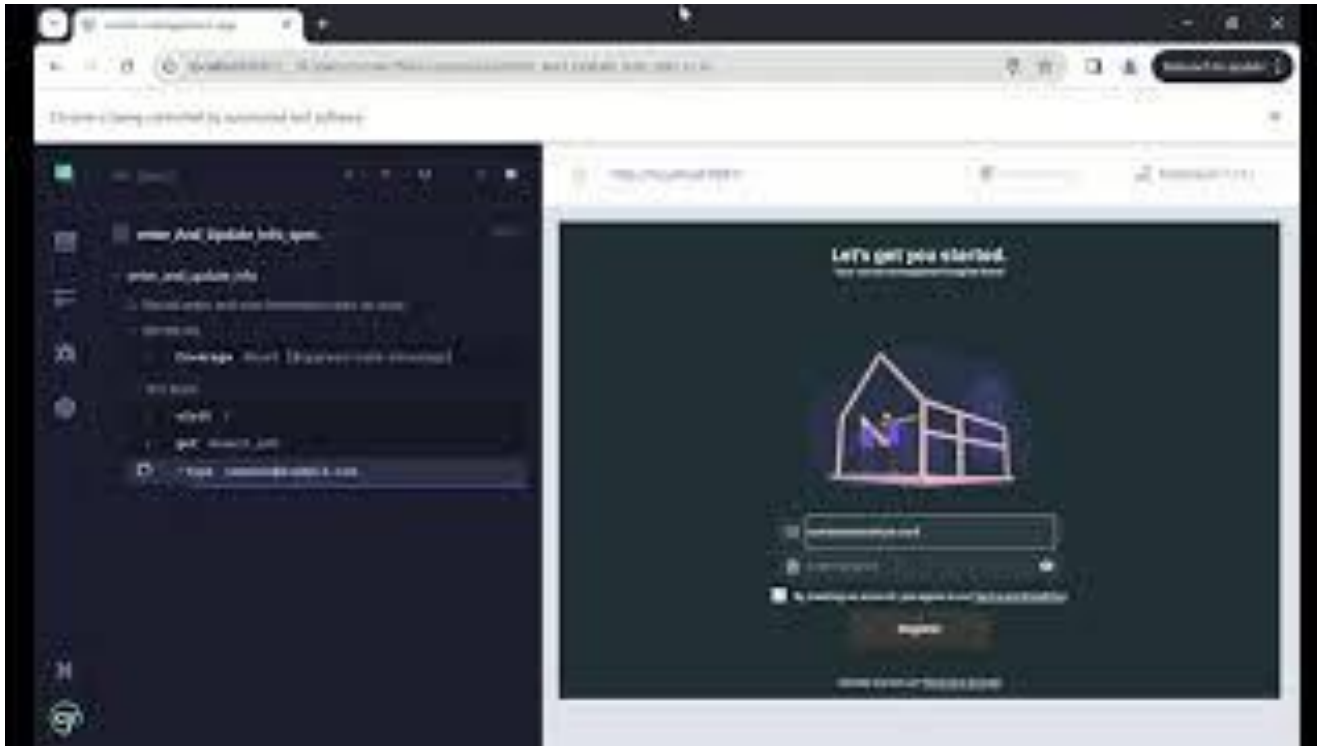


```
File                          | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
------------------------------|---------|----------|---------|---------|-------------------
All files                     |  80.21  |  67.74   |  93.44  |  78.57  |
 src                          |  87.67  |  100     |  100    |  86.36  |
  app.ts                      |  87.67  |  100     |  100    |  86.36  | 51-52,74-75,88-89,100,113-114
 src/aws                      |  38.88  |  18.18   |  70     |  34.04  |
  aws.ts                      |  38.88  |  18.18   |  70     |  34.04  | 22-43,58-84,92-98
 src/firebase                 |  89.92  |  50      |  97.14  |  88.69  |
  financialService.ts         |  92.3   |  50      |  100    |  91.42  | 35,42,82
  firebase.ts                 |  97.56  |  50      |  92.85  |  97.22  | 50
  propertyProfileService.ts   |  82.6   |  50      |  100    |  80     | 33,42,50-51
  userService.ts              |  80.76  |  50      |  100    |  79.16  | 47,56,72-77
 src/openai                   |  95     |  71.42   |  100    |  94.11  |
  chat.ts                     |  95     |  71.42   |  100    |  94.11  | 50
 src/utils                    |  100    |  100     |  100    |  100    |
  utils.ts                    |  100    |  100     |  100    |  100    |
------------------------------|---------|----------|---------|---------|-------------------
Test Suites: 1 passed, 1 total
Tests:       14 passed, 14 total
Snapshots:   0 total
```

All tests passed.

Testing Status

Sample integration test : https://youtu.be/CiJrLS-7Tj8?si=9X4TywBME1fcD4ik

Testing Status

Improvements

- Integration tests passed but plans to fix code coverage
- Get more familiar with jest, many members struggled with testing
- Simplify tests, get tests reviewed by peers.
- Plan to schedule tests, not a lot of time left for testing

Testing Status

Tools: Jest
    We want to use cypress next sprint for Integration testing

Status: Started with front-end unit tests (User auth), acceptance tests plans, backend unit tests (Financial system)
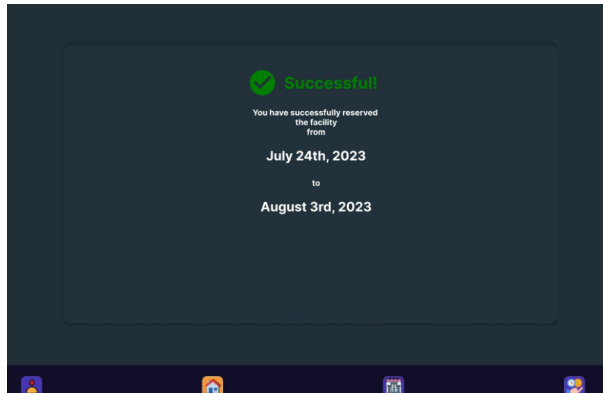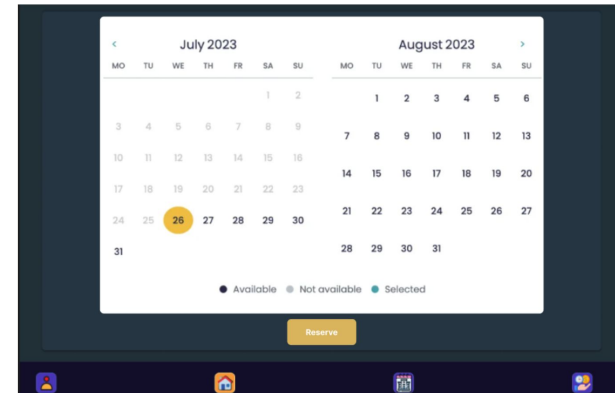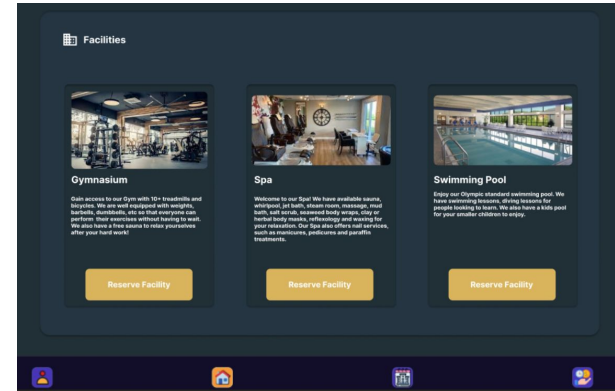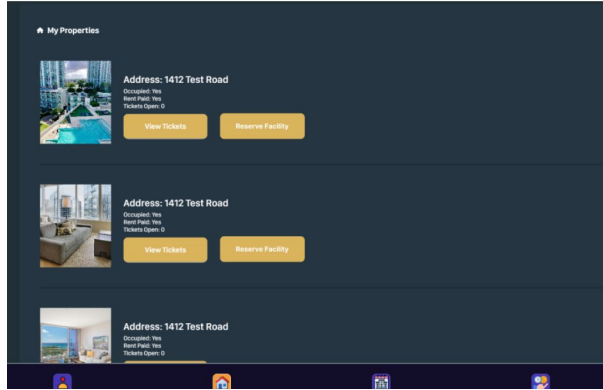
```
File                      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
--------------------------|---------|----------|---------|---------|----------------------------
All files                 |   80.21 |    67.74 |   93.44 |   78.57 |
 src                      |   87.67 |      100 |     100 |   86.36 |
  app.ts                  |   87.67 |      100 |     100 |   86.36 | 51-52,74-75,88-89,100,113-114
 src/aws                  |   38.88 |    18.18 |      70 |   34.04 |
  aws.ts                  |   38.88 |    18.18 |      70 |   34.04 | 22-43,58-84,92-98
 src/firebase             |   89.92 |       50 |   97.14 |   88.69 |
  financialService.ts     |    92.3 |       50 |     100 |   91.42 | 35,42,82
  firebase.ts             |   97.56 |       50 |   92.85 |   97.22 | 50
  propertyProfileService.ts |  82.6 |       50 |     100 |      80 | 33,42,50-51
  userService.ts          |   80.76 |       50 |     100 |   79.16 | 47,56,72-77
 src/openai               |      95 |    71.42 |     100 |   94.11 |
  chat.ts                 |      95 |    71.42 |     100 |   94.11 | 50
 src/utils                |     100 |      100 |     100 |     100 |
  utils.ts                |     100 |      100 |     100 |     100 |
--------------------------|---------|----------|---------|---------|----------------------------
Test Suites: 1 passed, 1 total
Tests:       14 passed, 14 total
Snapshots:   0 total
```

Improvements: More members on testing, get team more familiar with testing & finishing implementation earlier to test more.

UI Prototypes for Sprint 4

5. Reservation System	5.1. Setup common facilities 5.2. Interface for reservations 5.3. Availabilities for the listed facilities 5.4. Implement first-come-first-serve functionality	5		Medium	Todo	Sprint 4
6. Employee Role Management System	6.1. Define employee roles 6.2. Assigning roles to employees	1		Medium	Todo	Sprint 4
8. Notification Page	8.1. Create a notification page. 8.2. Display the latest activities and requests	2		Medium	Todo	Sprint 4

US5: Reservation System

US6: Employee Role Management System

US8: Notification System

Notifications

Messages: Mathew replied to your message.   Details

Messages: Jimmy sent a request.   Details

Reservation: Emmy has reserved 2 spots at the pool.   Details

Reservation: Carly has reserved a pool table in the games room.   Details

Messages: Jimmy sent you a message.   Details

Reservation: Stephanie has reserved a spot in the weights room.   Details

Reservation: Charles has reserved movie room 1.   Details

Message: Carly has sent a request.   Details

Notification Page (Employee)

Bug Report

build
failed 20 hours ago in 27s

```
⌄ ✖  Run Tests
 1    ▶ Run npm test
 6
 7    > test
 8    > jest --coverage --forceExit
 9
10    FAIL test/index.test.ts
11      ● Test suite failed to run
12
13        The OPENAI_API_KEY environment variable is missing or empty; either provide it, or insta
14
15        15 |    : "";
16        16 |
17      > 17 | const openai = new OpenAI();
18           |                ^
19        18 |
20        19 | openai.apiKey = openaiApiKey;
21        20 |
22
23        at new OpenAI (node_modules/openai/src/index.ts:112:13)
24        at Object.<anonymous> (src/openai/chat.ts:17:16)
25        at Object.require (src/app.ts:16:30)
26        at Object.<anonymous> (test/index.test.ts:3:17)
27
28    ----------|----------|----------|----------|----------|-------------------
29    File      | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
30    ----------|----------|----------|----------|----------|-------------------
31    All files |      0 |      0 |      0 |      0 |
32    ----------|----------|----------|----------|----------|-------------------
33    Test Suites: 1 failed, 1 total
34    Tests:       0 total
35    Snapshots:   0 total
36    Time:        2.95 s
37    Ran all test suites.
38    Force exiting Jest: Have you considered using `--detectOpenHandles` to detect async operations that kept running after all tests finished?
39    Error: Process completed with exit code 1.
```

```
⌄  1 ▣▬▬  .github/workflows/dev.yml ⧉
      @@ -11,6 +11,7 @@ jobs:
11  11
12  12      env:
13  13        SERVICE_ACCOUNT_KEYS: ${{ secrets.SERVICE_ACCOUNT_KEYS }}
    14  +     OPENAI_API_KEY: ${{ secrets.OPENAI_API_KEY }}
14  15
15  16      steps:
16  17        - uses: actions/checkout@v4
```

```
⌄  1 ▣▬▬  .github/workflows/master.yml ⧉
      @@ -13,6 +13,7 @@ jobs:
13  13
14  14      env:
15  15        SERVICE_ACCOUNT_KEYS: ${{ secrets.SERVICE_ACCOUNT_KEYS }}
    16  +     OPENAI_API_KEY: ${{ secrets.OPENAI_API_KEY }}
16  17
17  18      steps:
18  19        - uses: actions/checkout@v4
```

1 comment on commit `b93fdc6`

AndyChhuon commented on `b93fdc6` 11 hours ago

fixes issue #86

Issue ID	86		
Originator	Andy Chhuon	Email:	Signature github
Submit Date	2024-03-21		
Summary	The pipeline does not pass, due to an OpenAI API key error.		
Severity	blocker		
Product	pipeline		
Component			
Version			
Platform	Github Actions		
OS	Windows		

Coding Styles & Static Analysis

ESLint Report
0 problems - Generated on Thu Mar 21 2024 21:22:23 GMT-0400 (Eastern Daylight Saving Time)

[+] C:\Users\chhuo\Documents\SOEN390\condo-backend\src\app.ts	**0 problems**
[+] C:\Users\chhuo\Documents\SOEN390\condo-backend\src\aws\aws.ts	**0 problems**
[+] C:\Users\chhuo\Documents\SOEN390\condo-backend\src\firebase\financialService.ts	**0 problems**
[+] C:\Users\chhuo\Documents\SOEN390\condo-backend\src\firebase\firebase.ts	**0 problems**
[+] C:\Users\chhuo\Documents\SOEN390\condo-backend\src\firebase\propertyProfileService.ts	**0 problems**
[+] C:\Users\chhuo\Documents\SOEN390\condo-backend\src\firebase\userService.ts	**0 problems**
[+] C:\Users\chhuo\Documents\SOEN390\condo-backend\src\index.ts	**0 problems**
[+] C:\Users\chhuo\Documents\SOEN390\condo-backend\src\openai\chat.ts	**0 problems**
[+] C:\Users\chhuo\Documents\SOEN390\condo-backend\src\utils\utils.ts	**0 problems**
[+] C:\Users\chhuo\Documents\SOEN390\condo-backend\test\index.test.ts	**0 problems**

Prettier and EsLint with Config: *standard-with-typescript*

ToDo for Sprint 4

- Update SAD further. Include Architecture Decisions, add sequence diagrams and elaborate Use cases.
- Implementing the three User Stories assigned for Sprint #4.
- Host the website
- Updating all needed documents.