

Sprint #3 Review

Links

[Pivotal Tracker](#)

[GitHub Repo](#)

[Heroku Deployment](#)

Sprint Dates

October 26, 2024 - November 8, 2024

Team Information

Product Owner: Chi-Ming Lee

- Responsible for communicating with the client and holding regular meetings to understand their specific requirements for new features.

Scrum Master: Xinyi Zhao

- Responsible for conducting scrum and sprint activities, clarifying work objectives, assigning tasks, verifying functional correctness, and ensuring test coverage.

Developer: Kumaran Gowrisankar

- Updated the home page to display "Contracts in Progress" and "Amendments/Renewals in Progress" for level 1 and 3 users, and "Contracts in Review" and "Amendments/Renewals in Review" for level 2 users.(7 points)

Developer: Jingrui Mao

- Responsible for implementing the amend and renew features.(9 points)

Developer: Zhicheng Chen

- Responsible for implementing the edit functionality after contract renew/amend.(7 points)

Developer: Jingyuan Mu

- Responsible for implementing the amend and renew features.(4 points)

Developer: Zhaoming Xu

- Responsible for displaying the modification log on the contract details page and showing differences for each modification.(7 points)

Developer: Nathaniel Bright

- Updated the home page to display "Contracts in Progress" and "Amendments/Renewals in Progress" for level 1 and 3 users, and "Contracts in Review" and "Amendments/Renewals in Review" for level 2 users.(10 points)

Sprint Goal

The sprint's goal was to add amend and renew functionality, display the modification log on the contract page, and update the format of the home page. We also focused on getting familiar with the existing codebase and spotting areas that might benefit from refactoring.

Sprint Achievements

We implemented the amend/renew contract functionality along with its corresponding approve feature and added a modification log to the contract details page. The system's home page was also updated to display two lists, "Contracts in Progress" and "Amendments/Renewals in Progress," for level 1 and level 3 users, enabling easy editing and submission for review. For level 2 users (Gatekeeper), the home page now shows "Contracts in Review" and "Amendments/Renewals in Review." Additionally, we enhanced several small features to improve the user experience.

Below is the list of stories implemented:

- *Add Renew Functionality*
- *Add amendment Functionality*
- *Create Contracts Modification (Renew / Amend Contracts) Page*
- *Implement edit operation for renewal/amendment(when contract status is pending and reject)*
- *Create Modification log on the contract page*
- *Home page should show renew/amend in progress to level 1*
- *Home page should show amend/renew in review to level 2/3*
- *Home page should show contracts in progress to level 1*
- *Home page should show contracts in review to level 2/3*
- *In Renew/Amend contracts- Be able to filter results*
- *Display contract modification details in contract details page*
- *Move description Box to be under Contract Documents.*
- *Remove length of contract selection*

Sprint Backlogs

Added Backlogs

- *Filter, renewal and amendment functionality, modification log, homepage modification and other UI modifications were added.*

★	—	In view contracts- Be able to filter results (MJ)
★	=	Add Renew Functionality (VI , MJ , XI)
★	=	Add amendment Functionality (MJ , VI , XI)
★	=	Create Contracts Modification (Renew / Amend Contracts) Page (CH , VI)
★	≡	Implement edit operation for renewal/amendment(when contract status is pending and reject) (CH)
★	=	Create Modification log on the contract page (XI , ZH)
★	—	Home page should show renew/amend in progress to level 1 (BR)
★	—	Home page should show amend/renew in review to level 2/3 (BR)
★	—	Home page should show contracts in progress to level 1 (BR)
★	—	Home page should show contracts in review to level 2/3 (BR)
★	—	In Renew/Amend contracts- Be able to filter results (CH , VI)
★	≡	Display contract modification details in contract details page (XI , ZH)
★	=	2.3.9. Move description Box to be under Contract Documents. c. The name should also be changed to, "Summary" (BR)
★	—	Remove length of contract selection (BR)
★	—	2.3.8. Remove key words as I believe we have enough Identifiers built in. (BR)

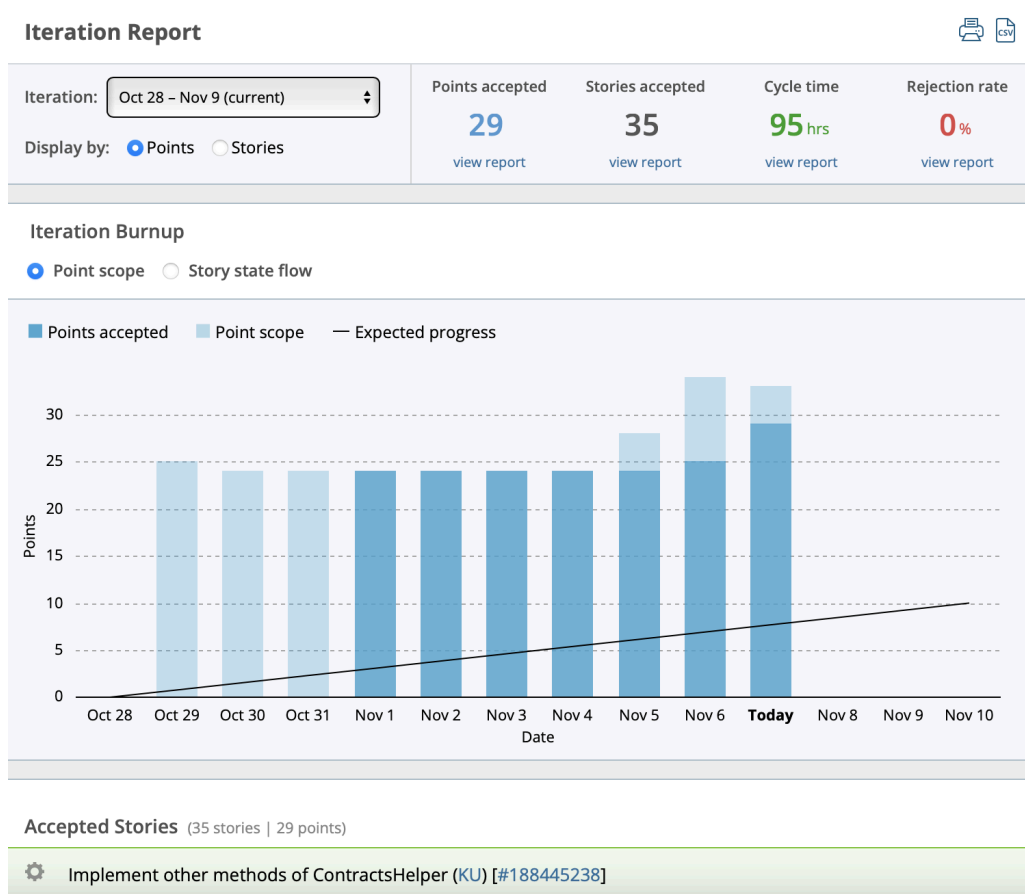
Modified Backlogs

- None

Removed Backlogs

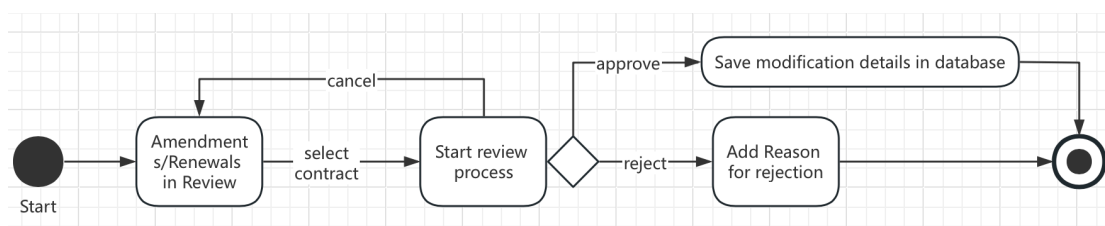
- None.

Burn Down Chart

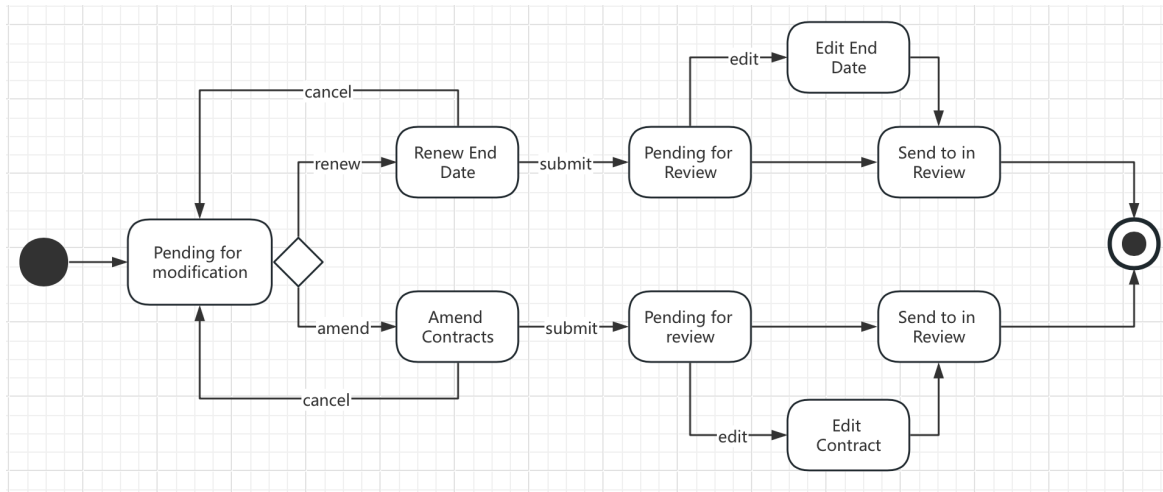


Design diagrams

1.Amend/Renew Review Process Flowchart:



2.Amend/Renew Process Flowchart:



Documentation of Changes

1. Add a Renew/Amend Page:

GENERAL

Home

CONTRACTS

View Contracts

Add a Contract

Renew/amend Contract

REPORTS

Create a Report

VENDORS

View Vendors

USERS

Welcome, BVCOG Admin!

Contracts

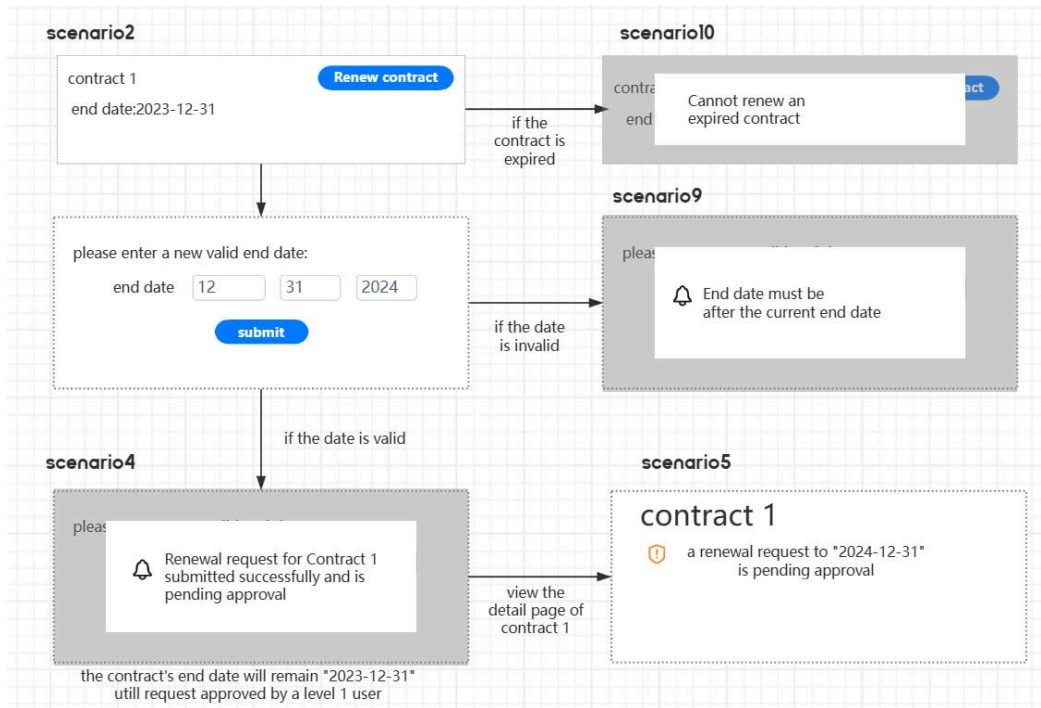
Renew/amend Contract

Contracts

Search by title or key-words

Title	Number	Operation	
fdsf	fads	Renew	Amend
dfdf	dfd	Renew	Amend
TestA	20341	Renew	Amend
TestA	1000312	Renew	Amend

2. Add a page for renewing contract:



3. Add a page for amending contract:

Amend Contract

Title	Number	Point of Contact	Start Date	End Date	Amount	Status	Contract Type
Contract 1	i6zal0mei3	Sabrina Gibson	2023/10/25	年 / 月 / 日	\$3,283.31 per mv	In Review	ILA

Amend **Back**

4. Update homepage layout and add Renew/Amend Approval Feature:

- GENERAL
 - Home
- CONTRACTS
 - View Contracts
 - Add a Contract
- REPORTS
 - Create a Report
- VENDORS
 - View Vendors
- USERS
 - View Users
 - Invite a User
- ADMIN
 - Administration
- PROFILE
 - Sign Out

Welcome, Admin User!

Home

Welcome to BVCOG's Contract Management System!

About You

Name: Admin User

Email: admin@example.com

Level: Admin

Program: Program 3

Program Manager: No

Joined: October 02, 2024

Contracts in Review

Title	Number	Point of Contact	Created At
Expiry Contract 98	hgqbxodb0l	Example User	October 02, 2024
Expiry Contract 64	9cia0fbkau	Example User	October 02, 2024
Expiry Contract 59	7jmgfeh1jl	Example User	October 02, 2024
Expiry Contract 56	5qubf7db6h	Example User	October 02, 2024

Amendment/Renewal in Review

Title	Number	Point of Contact	Created At
Expiry Contract 98	hgqbxodb0l	Example User	October 02, 2024
Expiry Contract 96	lmnderu2fs	Example User	October 02, 2024
Expiry Contract 56	5qubf7db6h	Example User	October 02, 2024

5. Add history modification log:

GENERAL

Home

CONTRACTS

View Contracts

Add a Contract

REPORTS

Create a Report

VENDORS

View Vendors

USERS

View Users

Invite a User

ADMIN

Administration

PROFILE

Sign Out

Contracts -- test

test

Contract Details

Contract Title:

test

Number:

122

Contract Type:

Grant

Remaining extensions:

1

Extension Period:

1 week

End Trigger:

Limited Term

Point of Contact:

Test Email Expiry reminder

Vendor:

Vendor 2

Entity:

BVCOG

Program:

9-1-1

Start Date:

October 24, 2024

End Date:

November 04, 2024

Final End Date:

November 04, 2024

Status:

In Progress

Edit this contract

Set to "In Review"

Description

Key Words:

Description:

Contract Documents

File Name

Document Type

Contract Decision History

Event: Created

User: BVCOG Admin

Date: 2024-10-24 20:49:07 UTC

Event: Moved to "In Progress"

User: BVCOG Admin

Date: 2024-10-24 20:49:07 UTC

Modifier	Timestamp	Fields Changed	Old Values	New Values	Action
User A	2024-10-01 10:16:22	Contract Title	Old Contract Title	New Contract Title	Amend
User B	2024-09-28 14:10:45	Expiry Date	2024-12-31	2025-01-31	Renew
User C	2024-09-25 09:35:10	Expiry Date	2024-12-31	2025-01-31	Renew
User D	2024-09-20 11:30:55	Point of Contact, Entity	Old Contract, Old Entity	New Contract, New Entity	Amend

Legacy Project & Refactoring

- We have not undertaken any refactorings yet.

Evaluations of Code & Tests

Code climates and Style offences

brightn-tamu/BVGOG-Contract-Manager

Starred

Overview

Progress

Issues

Code

Filters

Trends

Repo Settings

Last

main

 build 1 min ago Refresh

Breakdown

212 FILES

MAINTAINABILITY

TEST COVERAGE

Codebase summary

MAINTAINABILITY

B

4 days

TEST COVERAGE

Repository stats

CODE SMELLS

18

DUPLICATION

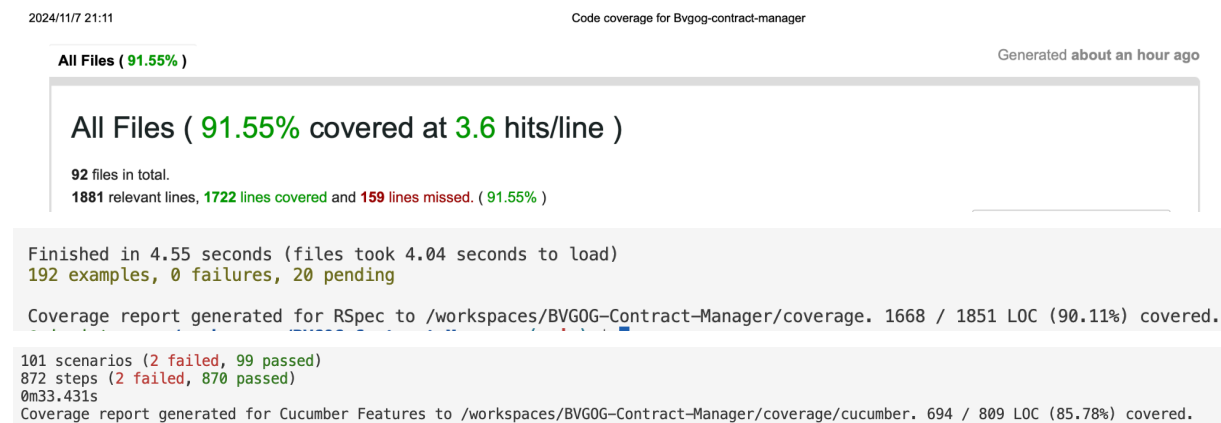
12

OTHER ISSUES

0

Test coverage(bdd & tdd)

Currently, our cucumber scenarios and RSpec examples have covered all the features developed in this iteration. The image below shows the test coverage results after running our cucumber and RSpec tests.



Customer Meeting and Demonstration

Date: 11-05-2024 - 12:30 to 13:30 CDT
Place: 125 Spence St, College Station, TX 77843
Participants: All of our team members

Summary:

We held a scheduled meeting with the client on time. During the meeting, we presented the newly added amend and renew features. The client was very satisfied with these updates. Additionally, they requested that users who need to modify a rejected contract receive an email notification. We agreed to implement this change in the next sprint. We also discussed other new features and enhancements to be added in the upcoming sprint.

Sprint #3 Retrospective

- We successfully implemented the amend and renew features, allowing users to modify existing contracts within the system. Users can now edit contracts multiple times before submitting them for review.

- We implemented the approve process for modified contracts. If a modification request is rejected, the system now provides the user with a specific reason for the rejection.
- We added functionality to display a modification log on the contract details page. This log shows the history of changes made to contracts, allowing users to easily track and review past modifications.
- We enhanced the homepage by introducing user-level segmentation, ensuring that contracts are displayed according to the user's access level. This improvement makes it easier for users to navigate and manage their contracts.
- We had an in-depth discussion with the client to review progress and outline plans for the upcoming sprint. The primary focus for the next sprint will be to refine the email notification system for rejected modifications and enhance the in-app rejection notifications. Additionally, we plan to implement minor features to further improve user experience based on client feedback.