

# ***SOFTWARE DESIGN***

## **FUND REQUESTS MANAGEMENT**



**fundit**

## SCRUM METHODOLOGY REPORT

**PREPARED BY DIVPLUSPLUS**

**TEAM:**

ISMAAEEL SHAIKH EBRAHIM – 2435817

YONATAN AZARAF – 2460755

ROHAN CHHIKA – 2543404

NAFTALI DINER – 2144598

SIZWE SITHOLE – 2393358

## Table of Contents

<b>PRODUCT BACKLOG:</b>	3
TABLE OF PRODUCT BACKLOG:	3
TABLE OF BUG FIXES:	6
TABLE OF ENHANCEMENTS TO APPLICATION:	6
<b>SPRINT BACKLOG:</b>	7
SPRINT 1 BACKLOG:	7
SPRINT 2 BACKLOG:	8
SPRINT 3 BACKLOG:	9
SPRINT 4 BACKLOG:	10
<b>SPRINT BURNDOWN CHARTS:</b>	11
SPRINT 1 BURNDOWN CHART:	11
SPRINT 2 BURNDOWN CHART:	11
SPRINT 3 BURNDOWN CHART:	12
SPRINT 4 BURNDOWN CHART:	12
PROJECT OVERALL BURNDOWN CHART:	13
SPRINT 1 RETROSPECTIVE:	13
SPRINT 2 RETROSPECTIVE:	14
SPRINT 3 RETROSPECTIVE:	15
SPRINT 4 RETROSPECTIVE:	16
<b>SPRINT REVIEW:</b>	17
SPRINT 1 REVIEW:	17
SPRINT 2 REVIEW:	18
SPRINT 3 REVIEW:	18
SPRINT 4 REVIEW:	19
<b>SPRINT DAILY STAND-UP SUMMARIES:</b>	20
SPRINT 1 DAILY SCRUMS	20
SPRINT 2 DAILY SCRUMS:	22
SPRINT 3 DAILY SCRUM:	24
SPRINT 4 DAILY SCRUMS:	26
<b>CONCLUSION:</b>	27

## INTRODUCTION:

In today's rapidly evolving digital landscape, managing financial resources effectively is crucial for the success and sustainability of any organization. The Fund Requests Management System project 'FUNDIT' aims to streamline and optimize the process of handling fund requests within organizations. This system is designed to facilitate efficient fund allocation, tracking, and reporting, thereby ensuring transparency and accountability.

The primary goal of this project is to develop a comprehensive software solution that adheres to the principles of the Scrum methodology. By following Scrum, we ensure an iterative and incremental approach to software development, allowing for continuous feedback, improvement, and adaptation. This document serves as proof of our adherence to the Scrum methodology throughout the project, providing detailed evidence through various Scrum artifacts.

The following sections will outline key Scrum artifacts including the Product Backlog, Sprint Backlogs, Sprint Burndown Charts, Sprint Retrospective Reports, Daily Stand-Up Summaries, and Sprint Review Demonstrations. Each artifact will be presented with relevant details and documentation, showcasing our commitment to agile practices and the successful execution of the Fund Requests Management System project.

To follow the scrum methodology approach, we used Jira Atlassian to document and keep track of each sprint as we went along.

The link to our Jira board:

<https://divplusplus.atlassian.net/jira/software/projects/FRM/boards/2/timeline>

Instructions to view each sprint:

In order to access the Jira board please send a request and we will accept as soon as possible.

- 1) Click on the sprint you would like to view.
- 2) Double click on the component in the expanded tab to view the requirement from the client.
- 3) Double click on the child component to expand the user story related to that requirement.
- 4) You will also find all Meetings documented under each sprint.

## PRODUCT BACKLOG:

The product backlog is a dynamic, prioritized list of features, enhancements, and bug fixes required to achieve the project's objectives. It serves as the primary source of requirements for the development team, ensuring that the most valuable and essential work is done first. The backlog is continually refined and adjusted based on feedback, changes in project scope, and evolving stakeholder needs.

Below, you will find the detailed requirements, including their user stories and point estimates.

**TABLE OF PRODUCT BACKLOG:**

<i>Task number</i>	User requirement	User story	Priority	Story point
1	Login and signup pages for Applicants	As an applicant, I can sign up to the funding request management web application using my email and password, to then be able to login with my credentials	HIGH	5
		As an applicant I can log in to the funding request management web application using my username and password to then access the applicant web page	HIGH	5
2	Login and signup pages for Fund manager	As an approved fund manager, I should be able to log in to the fund request management web app with my username and password to access the fund manager web page	HIGH	3
3	Login page for Platform admin	As a platform admin I can log in to the fund request management application using my username and password to access the admin web page	HIGH	3
4	Authenticate User with Auth0 during Login	As a user, I want to log in to the system securely using my Auth0 credentials so that I can access my account and its features.	HIGH	5
5	Register User with Auth0 during Sign-Up	As a new user, I want to sign up for an account using Auth0 authentication so that I can access the platform's services securely.	HIGH	5

Task number	User requirement	User story	Priority	Story point
6	Allow Users to Apply to Become a Fund Manager	As a user interested in becoming a fund manager, I want to apply through the platform, providing relevant information and qualifications, so that I can be considered for the role.	MEDIUM	8
7	Admin can approve, reject, and review fund managers	As an admin, I want to review fund manager applications submitted by users and approve them if they meet the required criteria, enabling qualified individuals to become fund managers.	HIGH	7
		As an admin, I want the ability to review fund manager applications and reject them if they do not meet the necessary qualifications or criteria, ensuring that only suitable candidates are approved.	HIGH	5
		As an admin, I want access to detailed information provided by users in their fund manager applications, such as qualifications, experience, and references, so that I can make informed decisions when approving or rejecting applications.	MEDIUM	5
8	Display User Information	As a user, I want to view my personal information on the platform, so that I can view and verify my details as needed.	LOW	3
9	Applicant Can Apply for Fund Opportunity	As an applicant, I want to submit applications for available fund opportunities, so that I can request funding for my projects or initiatives.	HIGH	5
10	Fund Manager Can Create a Fund Opportunity	As a fund manager, I want to create new fund opportunities on the platform, so that I can attract potential applicants and allocate funds effectively.	HIGH	5
11	Admin Can Block Users	As an admin, I want to have the ability to block users from accessing the platform, so that I can maintain security and enforce disciplinary actions when necessary.	MEDIUM	8

<i>Task number</i>	User requirement	User story	Priority	Story point
12	Fund Manager Can Accept, Reject and Review an application	As a fund manager, I want to accept applications for fund opportunities, so that I can allocate funds to eligible applicants efficiently and to the most suitable candidates.	MEDIUM	8
		As a fund manager, I want to review and reject applications for fund opportunities, so that I can ensure that funds are allocated to the most suitable candidates.	MEDIUM	8
		As a fund manager, I want to access a dashboard or list displaying all submitted applications for fund opportunities, so that I can review and manage them effectively to make informed decisions about fund allocation.	MEDIUM	8
13	View Application Status	As an applicant, when I have applied for a fund opportunity, I can access a dashboard to view the status of all my applications	MEDIUM	8
14	Upload and View attachments	As an applicant, when I apply for a fund opportunity, I can submit a pdf document containing relevant information to improve my application	LOW	3
		As a fund manager, when viewing applications for a specific funding I can view or download attached pdf documents to reinforce my decision making on awarding a deserving candidate	LOW	3
15	Allocate budget to funds	As a fund manager, when I create a fund opportunity, I can allocate an amount from the budget to that fund	MEDIUM	5
16	Send notifications to users	As an applicant, when my application for a funding is accepted or rejected, I will receive an email notification	MEDIUM	5

**TABLE OF BUG FIXES:**

Task number	User requirement	User story	Priority	Story point
17	Fix login page responsiveness	As a user, I want the login page to be responsive on all devices, so that I can access the platform from any device without issues.	MEDIUM	3
18	Resolve application submission error	As an applicant, I want to submit my application without encountering errors, so that I can apply for funding smoothly.	MEDIUM	3
19	Correct email notification formatting	As a user, I want the login page to be responsive on all devices, so that I can access the platform from any device without issues.	MEDIUM	3

**TABLE OF ENHANCEMENTS TO APPLICATION:**

Task number	User requirement	User story	Priority	Story point
20	Provide fund managers a document viewer	As a fund manager, I want to view application documents directly on the page without downloading them, so that I can review applications more efficiently.	LOW	3
21	Provide detailed fund allocation reports	As a fund manager, I want to be able to view total funding, amount allocated per applicant and amount remaining in the fund	LOW	3

## SPRINT BACKLOG:

Sprint backlogs are essential components of the Scrum methodology. They represent a subset of the product backlog items selected for completion during a specific sprint. The sprint backlog includes detailed plans for the tasks and user stories that the development team commits to accomplishing within the sprint duration. It serves as a dynamic and actionable plan that guides the team through the sprint, ensuring focus and alignment on the prioritized work.

Below are the detailed sprint backlogs, including the specific tasks and user stories selected for each sprint along with their estimated effort (story points).

### ***SPRINT 1 BACKLOG:***

Task number	User requirement	User story	Priority	Story point
1	Login and signup pages for Applicants	As a fund manager, I want to view application documents directly on the page without downloading them, so that I can review applications more efficiently.	HIGH	5
		As an applicant I can log in to the funding request management web application using my username and password to then access the applicant web page	HIGH	5
2	Login and signup pages for Fund manager	As an approved fund manager, I should be able to log in to the fund request management web app with my username and password to access the fund manager web page	HIGH	3
3	Login page for Platform admin	As a platform admin I can log in to the fund request management application using my username and password to access the admin web page	HIGH	3



**SPRINT 2 BACKLOG:**

Task number	User requirement	User story	Priority	Story point
1	Authenticate User with Auth0 during Login	As a user, I want to log in to the system securely using my Auth0 credentials so that I can access my account and its features.	HIGH	5
2	Register User with Auth0 during Sign-Up	As a new user, I want to sign up for an account using Auth0 authentication so that I can access the platform's services securely.	MEDIUM	8
3	Allow Users to Apply to Become a Fund Manager	As a user interested in becoming a fund manager, I want to apply through the platform, providing relevant information and qualifications, so that I can be considered for the role.	HIGH	7
4	Admin can approve, reject, and review fund managers	As an admin, I want to review fund manager applications submitted by users and approve them if they meet the required criteria, enabling qualified individuals to become fund managers.	HIGH	5
		As an admin, I want the ability to review fund manager applications and reject them if they do not meet the necessary qualifications or criteria, ensuring that only suitable candidates are approved.	MEDIUM	5
		As an admin, I want access to detailed information provided by users in their fund manager applications, such as qualifications, experience, and references, so that I can make informed decisions when approving or rejecting applications.	MEDIUM	8
5	Fix login page responsiveness	As a user, I want the login page to be responsive on all devices, so that I can access the platform from any device without issues.	MEDIUM	3

**SPRINT 3 BACKLOG:**

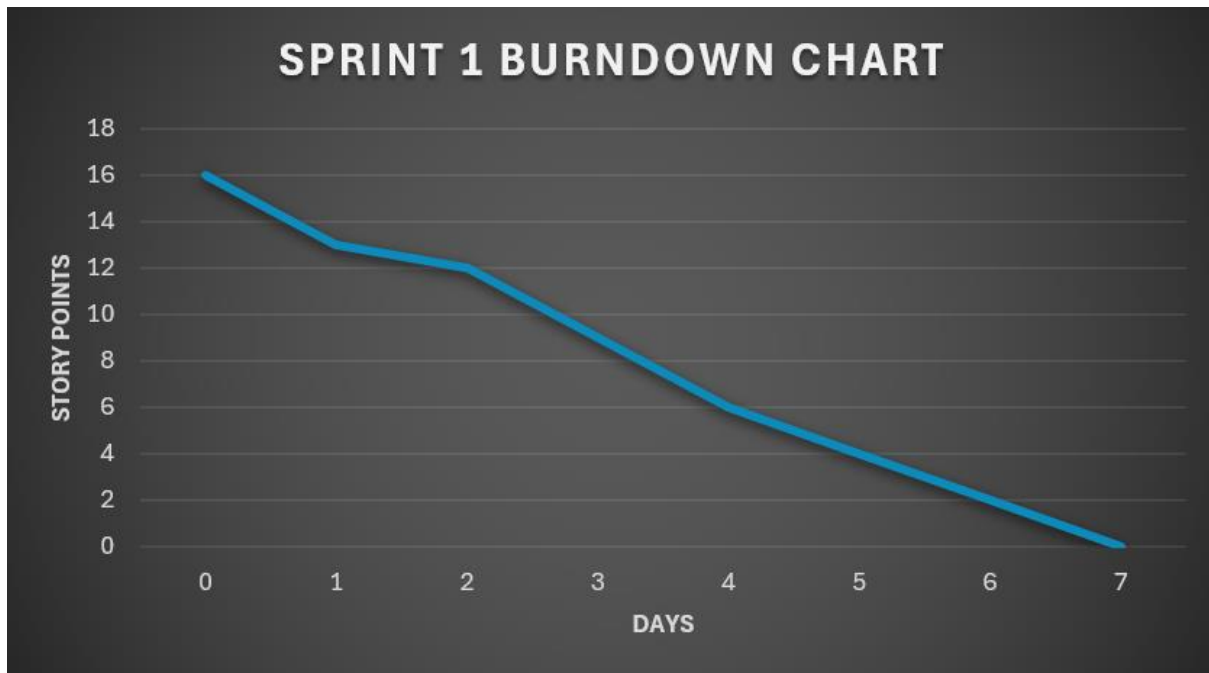
Task number	User requirement	User story	Priority	Story point
1	Display User Information	As a user, I want to view my personal information on the platform, so that I can view and verify my details as needed.	LOW	3
2	Applicant Can Apply for Fund Opportunity	As an applicant, I want to submit applications for available fund opportunities, so that I can request funding for my projects or initiatives.	HIGH	5
3	Fund Manager Can Create a Fund Opportunity	As a fund manager, I want to create new fund opportunities on the platform, so that I can attract potential applicants and allocate funds effectively.	HIGH	5
4	Admin Can Block Users	As an admin, I want to have the ability to block users from accessing the platform, so that I can maintain security and enforce disciplinary actions when necessary.	MEDIUM	8
5	Fund Manager Can Accept, Reject and Review an application	As a fund manager, I want to accept applications for fund opportunities, so that I can allocate funds to eligible applicants efficiently and to the most suitable candidates.	MEDIUM	8
		As a fund manager, I want to review and reject applications for fund opportunities, so that I can ensure that funds are allocated to the most suitable candidates.	MEDIUM	8
		As a fund manager, I want to access a dashboard or list displaying all submitted applications for fund opportunities, so that I can review and manage them effectively to make informed decisions about fund allocation.	MEDIUM	8
6	Resolve application submission error	As an applicant, I want to submit my application without encountering errors, so that I can apply for funding smoothly.	MEDIUM	3

**SPRINT 4 BACKLOG:**

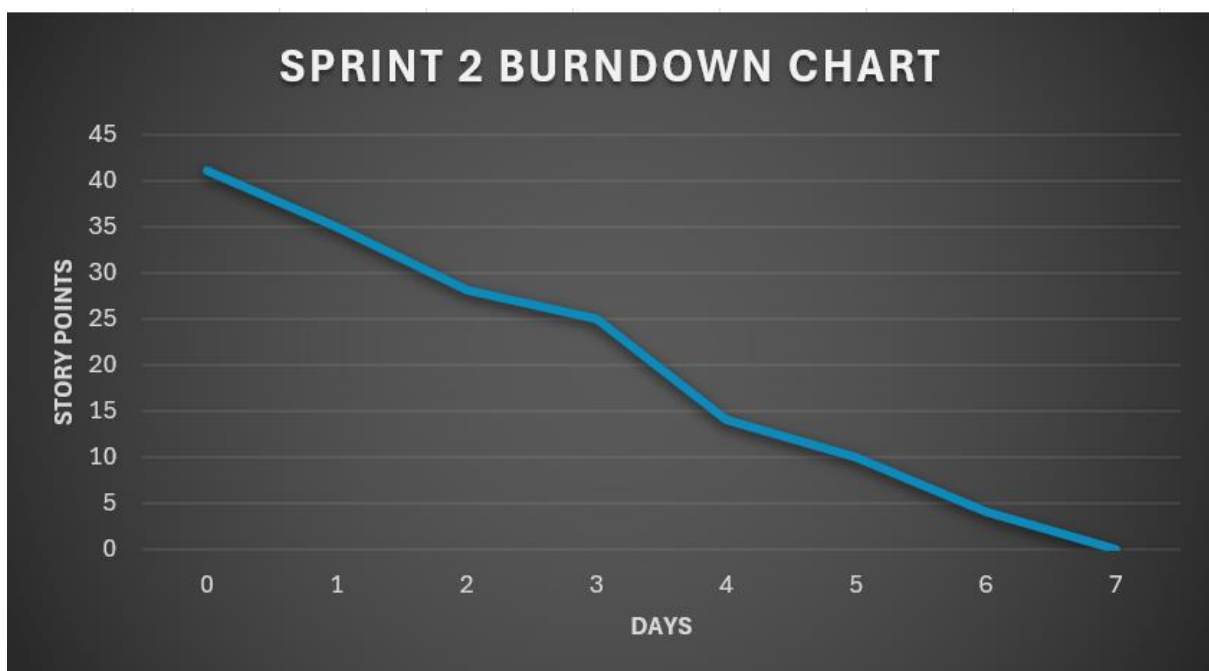
Task number	User requirement	User story	Priority	Story point
1	View Application Status	As an applicant, when I have applied for a fund opportunity, I can access a dashboard to view the status of all my applications	MEDIUM	8
2	Upload and View attachments	As an applicant, when I apply for a fund opportunity, I can submit a pdf document containing relevant information to improve my application	LOW	3
		As a fund manager, when viewing applications for a specific funding I can view or download attached pdf documents to reinforce my decision making on awarding a deserving candidate	LOW	3
3	Allocate budget to funds	As a fund manager, when I create a fund opportunity, I can allocate an amount from the budget to that fund	MEDIUM	5
4	Send notifications to users	As an applicant, when my application for a funding is accepted or rejected, I will receive an email notification	MEDIUM	5
5	Correct email notification formatting	As a user, I want the login page to be responsive on all devices, so that I can access the platform from any device without issues.	MEDIUM	3
6	Provide fund managers a document viewer	As a fund manager, I want to view application documents directly on the page without downloading them, so that I can review applications more efficiently.	LOW	3
7	Provide detailed fund allocation reports	As a fund manager, I want to be able to view total funding, amount allocated per applicant and amount remaining in the fund	LOW	3

## SPRINT BURNDOWN CHARTS:

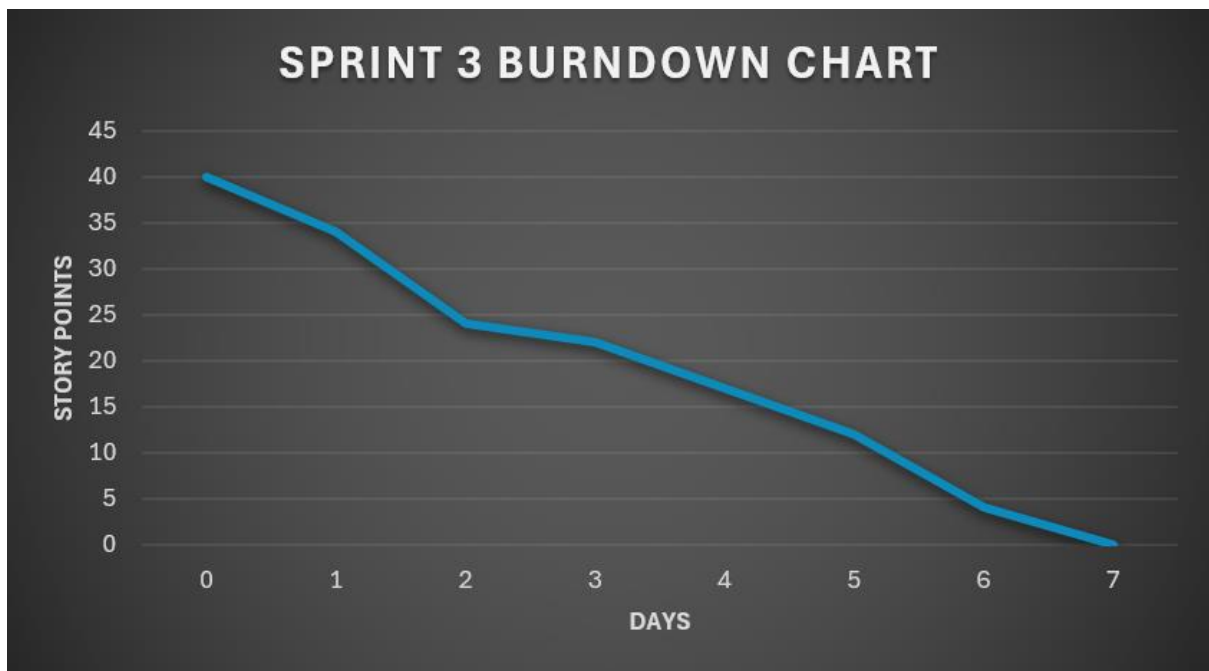
SPRINT 1 BURNDOWN CHART:



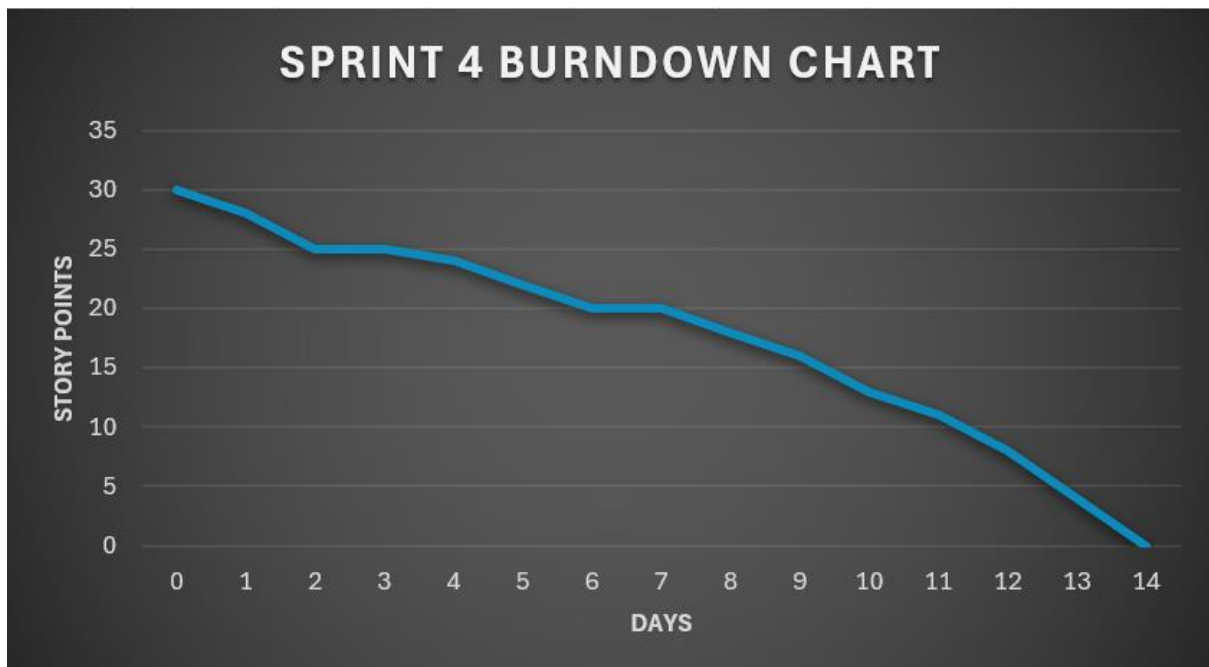
SPRINT 2 BURNDOWN CHART:



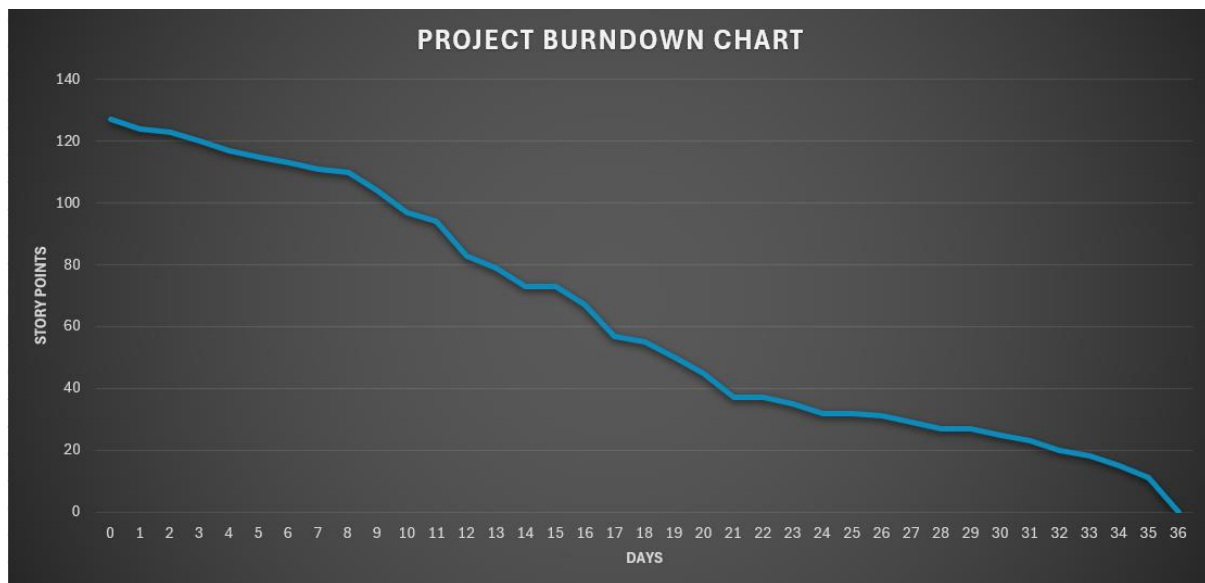
**SPRINT 3 BURNDOWN CHART:**



**SPRINT 4 BURNDOWN CHART:**



## PROJECT OVERALL BURNDOWN CHART:



## SPRINT RETROSPECTIVE:

A sprint retrospective is a regular meeting held at the end of each sprint in the Scrum methodology. Its primary purpose is for the development team to reflect on the sprint that has just concluded, discussing what went well, what could be improved, and identifying actionable steps for future sprints. This continuous improvement process helps the team enhance their workflow, address any issues or challenges, and foster a culture of collaboration and open communication. By regularly conducting retrospectives, teams can adapt and evolve their practices to improve efficiency and productivity.

### SPRINT 1 RETROSPECTIVE:

#### What went well?

- Effective collaboration and communication among team members.
- Successful implementation of login pages and initiation of role-based redirection.
- Proactive approach to identifying and addressing challenges.

### **What could improve?**

- Enhance clarity and specificity in task assignments and expectations.
- Streamline testing processes to ensure comprehensive coverage within the sprint timeline.
- Improve documentation and knowledge sharing to facilitate future development and testing efforts.

### **Action items for next sprint:**

#### **1. Refinement and Testing:**

- Continue refining role-based redirection functionality and conduct comprehensive testing.
- Address any identified issues promptly to ensure a high-quality user experience.

#### **2. Client Feedback and Iteration:**

- Present developed features to the client for feedback and incorporate necessary revisions.
- Ensure alignment with client requirements and preferences throughout the development process.

#### **3. Process Improvement:**

- Implement improvements in task management and communication to enhance team efficiency.
- Enhance documentation practices to capture development decisions and testing outcomes effectively.

### **SPRINT 2 RETROSPECTIVE:**

#### **What went well?**

- Progress was made on all assigned tasks, and team members effectively collaborated to overcome challenges.
- Clear communication and alignment with sprint goals ensured efficient progress throughout the sprint.
- Each team member demonstrated commitment to achieving the sprint goal and completed their tasks effectively.

### **What could improve?**

- While progress was made, there is room for improvement in task prioritization and time management to ensure all tasks are completed within the sprint timeframe.
- More proactive identification and resolution of potential blockers could further enhance productivity.
- Increasing collaboration and knowledge sharing among team members could lead to a more holistic understanding of project components and smoother task execution.

### **Action items for next sprint:**

- Implement a more structured approach to task prioritization and time management, ensuring critical tasks are completed first.
- Encourage proactive communication and collaboration to identify and address potential blockers early in the sprint.
- Schedule regular knowledge-sharing sessions to enhance team members' understanding of project components and promote cross-functional collaboration.

### **SPRINT 3 RETROSPECTIVE:**

#### **What went well?**

- Effective collaboration and communication among team members.
- Successful implementation of new features and functionalities as planned.
- Positive feedback from stakeholders on the demonstrated functionalities.

#### **What could improve?**

- Enhance clarity and specificity in task assignments and expectations.
- Streamline testing processes to ensure comprehensive coverage within the sprint timeline.
- Improve documentation and knowledge sharing to facilitate future development and testing efforts.



### **Action items for next sprint:**

#### **1. Refinement and Testing:**

- Continue refining implemented features based on stakeholder feedback and conduct comprehensive testing.
- Address any identified issues promptly to ensure a high-quality user experience.

#### **2. Client Feedback and Iteration:**

- Present developed features to the client for feedback and incorporate necessary revisions.
- Ensure alignment with client requirements and preferences throughout the development process.

#### **3. Process Improvement:**

- Implement improvements in task management and communication to enhance team efficiency.
- Enhance documentation practices to capture development decisions and testing outcomes effectively.

### **SPRINT 4 RETROSPECTIVE:**

#### **What went well?**

- Successfully implemented key functionalities of attachment upload/viewing, application status tracking, fund allocation, and notification systems.
- Achieved a stable and intuitive user experience through thorough testing and refinements.

#### **What could improve?**

- Some minor integration issues relating to the uploading and viewing of attachment files were quickly resolved through effective team communication.
- Tight deadlines required efficient time management and prioritization of tasks.

### **Action items for completion of project:**

- With the completion of the sprint goals ahead of schedule, the team will focus on additional polishing and final refinements.
- Ensure all features are seamlessly integrated and perform optimally.
- Conduct final reviews and adjustments based on user feedback to enhance the overall quality of the product.

## **SPRINT REVIEW:**

The sprint review is a crucial event in the Scrum framework, held at the end of each sprint to inspect the work completed and gather feedback from stakeholders. The primary objective of the sprint review is to demonstrate the new features and functionalities developed during the sprint, showcasing the progress made towards the project goals. It provides an opportunity for the development team, product owner, and stakeholders to collaborate, discuss the current state of the project, and adjust based on the feedback received.

### **SPRINT 1 REVIEW:**

#### **Accomplishments:**

- Successfully implemented the login and signup pages for applicants, enabling user registration and access to the platform.
- Developed the login and signup functionality for fund managers, allowing them to access their specific dashboard.
- Created the login page for platform administrators to manage the application efficiently.

#### **Demonstration of New Features and Improvements:**

- **Login and Signup Pages for Applicants:** Demonstrated the registration and login process for applicants.
- **Login and Signup Pages for Fund Manager:** Showed the login and signup functionality for fund managers.
- **Login Page for Platform Admin:** Highlighted the login process for platform administrators.

#### **Feedback from Stakeholders and Team Members:**

- Positive feedback on the smooth and user-friendly login and signup processes.

## **SPRINT 2 REVIEW:**

### **Accomplishments:**

- Successfully completed the backend implementation for retrieving access tokens and storing user details in the database. Additionally, initiated work on storing applicant motivations for the fund manager application process.
- Completed writing user acceptance tests based on user stories and began backend testing.
- Implemented admin functionalities for accepting, reviewing, and rejecting fund manager applications. Initiated work on refining the admin page and further developing the fund manager page.
- Made progress on creating UML diagrams based on the 4+1 Architectural View Model.
- Made progress on the design of the home page and initiated work on the design of the admin page.

### **Demonstration of New Features and Improvements:**

- Authenticate User with Auth0 during Login: Demonstrated secure login using Auth0 credentials.
- Register User with Auth0 during Sign-Up: Showed the sign-up process using Auth0 authentication.
- Apply to Become a Fund Manager: Highlighted the application process for users interested in becoming fund managers.
- Admin Functionality: Demonstrated the admin functionalities for reviewing and managing fund manager applications.
- Responsive Login Page: Ensured that the login page is responsive across all devices.

### **Feedback from Stakeholders and Team Members:**

- Positive feedback on the secure login and registration processes using Auth0.

## **SPRINT 3 REVIEW:**

### **Demonstration of New Features and Improvements:**

- Display User Information: Demonstrated the functionality allowing users to view and verify their personal information on the platform.
- Applicant Can Apply for Fund Opportunity: Showed the application submission process for fund opportunities.
- Fund Manager Can Create a Fund Opportunity: Highlighted the process for fund managers to create new fund opportunities.

- Admin Can Block Users: Demonstrated the admin functionality to block users for maintaining platform security.
- Fund Manager Can Accept, Reject, and Review Applications: Showed the dashboard for fund managers to review and manage applications, and demonstrated the accept/reject functionality.
- Resolve Application Submission Error: Ensured smooth application submission without errors.

#### **SPRINT 4 REVIEW:**

##### Demonstration of New Features and Improvements:

- View Application Status: Demonstrated the dashboard functionality for applicants to view the status of their applications.
- Upload and View Attachments: Showed the submission of PDF documents by applicants and the viewing/downloading functionality for fund managers.
- Allocate Budget to Funds: Highlighted the budget allocation feature for fund managers when creating fund opportunities.
- Send Notifications to Users: Demonstrated the email notification system for applicants when their application status changes.
- Correct Email Notification Formatting: Ensured that the login page is responsive on all devices.
- Provide Fund Managers a Document Viewer: Showed the in-page document viewer for fund managers.
- Provide Detailed Fund Allocation Reports: Presented the detailed fund allocation reports showing total funding, amounts allocated per applicant, and remaining funds.

##### Feedback from Stakeholders and Team Members:

- Positive feedback on the enhanced user experience and new functionalities.

## SPRINT DAILY STAND-UP SUMMARIES:

The daily stand-up is a brief, time-boxed meeting held each day during a sprint in the Scrum framework. Its purpose is to synchronize the team's activities and plan the work for the next 24 hours.

### SPRINT 1 DAILY SCRUMS:

#### Daily scrum 12/04/2024:

##### Main points:

- **Yonatan Azaraf:**
  - **Task:** Research on correct implementation of user login and signup for Applicants.
  - **Approach:** Investigate best practices and user-friendly design elements.
- **Rohan Chhika:**
  - **Task:** Research on redirecting a user after they have logged in.
  - **Approach:** Explore methods and frameworks for seamless redirection within the platform, focusing on the Funds management login page.
- **Naftali Diner:**
  - **Task:** Research on correct implementation of user login and signup for Admins.
  - **Approach:** Investigate technical specifications and security measures.
- **Ismaaeel Shaikh Ebrahim:**
  - **Task:** Coordinate with the team to ensure alignment and progress.
  - **Approach:** Collaborate with team members to address challenges and facilitate smooth integration of the login pages.

### **Daily scrum 15/04/2024:**

#### **Main points:**

- **Yonatan Azaraf:**
  - Continued work on the Applicants login and signup page.
  - Addressed design considerations and user experience enhancements.
- **Rohan Chhika:**
  - Progressed with the implementation of the Funds management login and signup page.
  - Focused on backend functionalities and data validation.
- **Naftali Diner:**
  - Advanced development on the admin login page.
  - Integrated security features and conducted testing for robustness.
- **Ismaaeel Shaikh Ebrahim:**
  - Helped advance development on all login pages.
  - Collaborated with team members to ensure alignment and resolve any blockers.
  - Monitored progress and provided support where needed.

#### **Blockers:**

- No blockers reported.

### **Daily Scrum 16/04/2024:**

The team reviewed progress on the implementation of login pages and discussed the new task of implementing user redirection based on roles.

#### **Main points:**

- **Yonatan Azaraf:**
  - Contributed to the strategy discussion on user redirection.
  - Began basic implementation of redirecting users to relevant pages.
- **Rohan Chhika:**
  - Participated in the strategy discussion.

- Started implementing functionality for redirecting users based on roles.
- **Naftali Diner:**
  - Engaged in the strategy discussion to ensure comprehensive planning.
  - Initiated the development of redirect mechanisms within the login pages.
- **Ismaaeel Shaikh Ebrahim:**
  - Facilitated the discussion on user redirection strategies.
  - Supported team members in understanding and addressing any challenges.
- **Sizwe Sithole:**
  - Joined the team.
  - Reviewed previous discussions and familiarized himself with the project.

**Blockers:**

- No blockers reported.

**SPRINT 2 DAILY SCRUMS:**

**Daily scrum 25/04/2025:**

**Main points:**

- **Yonatan Azaraf:** Completed implementing Auth0 authentication on the login page. Today, he plans to refine the authentication flow and handle error messages.
- **Naftali Diner:** Started creating the fund manager application form. Today, he will continue working on it and integrate it with the admin review process.
- **Rohan Chhika:** Worked on defining admin functionalities. Today, he will collaborate with the team to finalize implementation details and begin coding.
- **Ismaaeel Shaikh Ebrahim:** Configured Auth0 authentication for user registration. Today, he will conduct testing to ensure smooth registration processes.
- **Sizwe Sithole:** Designed the user profile page layout. Today, he will start implementing the UI components and fetching user information from Auth0.

**Blockers:**

- No blockers reported.

## Daily scrum 26/04/2024:

### Main points:

- **Yonatan Azaraf:** Completed refinement and error handling when authenticating users. Today, he will work on the backend to retrieve the access token and store user details in the database.
- **Naftali Diner:** Integrated the fund manager application page. Today, he will begin writing user acceptance tests based on the user stories created for later testing.
- **Rohan Chhika:** Worked with the team to implement functionalities of the fund manager page. Today, he will work on admin functionalities for accepting, reviewing, and rejecting applicants for fund manager roles.
- **Ismaaeel Shaikh Ebrahim:** Worked with Rohan on implementing fund manager functionalities. Today, he will begin creating UML diagrams based on the 4+1 architectural view model, focusing on the Logical View.
- **Sizwe Sithole:** Implemented the UI components and fetched user information from Auth0. Today, he will work on the design of the home page.

### Blockers:

- No blockers reported.

## Daily scrum 27/04/2024:

### Main points:

- **Yonatan Azaraf:** Completed working on the backend of the project to retrieve the access token and store the users details in the database. Today he will begin working on storing the applicant's motivation when applying to be fund manager. This information will later be displayed on the admin page where the admin will accept or reject an application.
- **Naftali Diner:** Completed writing the user acceptance tests based on the user stories. Today he will begin testing the backend.
- **Rohan Chhika:** Implemented admin functionality in terms of accepting, reviewing, and rejecting an applicant's application to be a fund manager. Today he will work on refining the admin page and working on the fund manager page.
- **Ismaaeel Shaikh Ebrahim:** Worked on creating UML diagrams based on the Logical View. Today he will work on the Description view and Process view diagrams. He will also assist Rohan on refinement and any other tasks where needed.



- **Sizwe Sithole:** Worked on the design of the home page. Today he will work on the design of the admin page.

**Blockers:**

- No blockers reported.

**Daily Scrum 28/04/2024:**

**Main points:**

- **Yonatan Azaraf:** Completed working on storing the applicant's motivation when applying to be fund manager. Today he will work on the backend so that when an applicant's application is accepted or rejected, updates will reflect in the database.
- **Naftali Diner:** Completed testing of the backend achieving 53% code coverage. Today he will test the frontend.
- **Rohan Chhika:** Completed refining the admin page and working on the fund manager page. Today he will go through all functionality of pages with the team.
- **Ismaaeel Shaikh Ebrahim:** Completed UML diagrams of Logical, Descriptive and Process View. Today he will finalize those diagrams and complete the Physical View and Scenario View diagrams.
- **Sizwe Sithole:** Completed CSS on Admin page.

**Blockers:**

- No blockers reported.

**SPRINT 3 DAILY SCRUM:**

**Daily scrum 02/05/2024:**

**Main points:**

- **Yonatan Azaraf:** Work on storing the applicant's motivation in the database.
- **Naftali Diner:** Continue backend testing.
- **Rohan Chhika:** Review and refine admin page functionality.
- **Ismaaeel Shaikh Ebrahim:** Finalize UML diagrams (Logical, Descriptive, and Process View).
- **Sizwe Sithole:** Continue UI design for the admin page.

**Blockers:**

- No blockers reported.

**Daily Scrum 04/05/2024:****Main points:**

- **Yonatan Azaraf:** Continue backend development for reflecting updates in the database.
- **Naftali Diner:** Complete frontend testing.
- **Rohan Chhika:** Collaborate with the team to review all page functionalities.
- **Ismaaeel Shaikh Ebrahim:** Finalize UML diagrams (Physical and Scenario View).
- **Sizwe Sithole:** Finalize UI design tasks and ensure consistency across pages.

**Blockers:**

- No blockers reported.

**Daily Scrum 06/04/2024:****Main points:**

- **Yonatan Azaraf:** Complete backend development tasks.
- **Naftali Diner:** Report any issues from frontend testing and assist with any remaining testing tasks.
- **Rohan Chhika:** Address any feedback on page functionalities and assist with final adjustments.
- **Ismaaeel Shaikh Ebrahim:** Assist with any remaining tasks and provide support as needed.
- **Sizwe Sithole:** Ensure all UI design tasks are completed and meet project requirements.

**Blockers:**

- No blockers reported.

## **SPRINT 4 DAILY SCRUMS:**

### **Daily Scrum 10/05/2024:**

#### **Main points:**

- **Yonatan Azaraf:** Start working on the backend for secure and efficient handling of file uploads.
- **Naftali Diner:** Begin backend testing for the upload and view attachments feature.
- **Rohan Chhika:** Ensure all front-end functionality is implemented.
- **Ismaaeel Shaikh Ebrahim:** Begin work on documentation and polishing the features.
- **Sizwe Sithole:** Work on the UI design for the attachment upload and viewing feature.

#### **Blockers:**

- No blockers reported.

### **Daily Scrum 12/05/2024:**

#### **Main points:**

- **Yonatan Azaraf:** Continue working on the backend to ensure proper functionality and data handling for file uploads.
- **Naftali Diner:** Start testing the backend and frontend code to ensure full test coverage.
- **Rohan Chhika:** Review and refine the application status tracking feature.
- **Ismaaeel Shaikh Ebrahim:** Continue working on documentation and start polishing the user interface.
- **Sizwe Sithole:** Continue UI design and start integration for the application status feature.

#### **Blockers:**

- No blockers reported.

## Daily Scrum 17/05/2024:

### Main points:

- **Yonatan Azaraf:** Finish up the backend implementation and start working on secure storage and retrieval mechanisms.
- **Naftali Diner:** Continue testing backend and frontend code to ensure complete test coverage.
- **Rohan Chhika:** Finalize the frontend for the application status tracking and start working on miscellaneous tasks.
- **Ismaaeel Shaikh Ebrahim:** Finish documentation and ensure all polishing is implemented.
- **All members:** Finalize the UI design and integration for the attachment upload and viewing feature.

### Blockers:

- No blockers reported.

## CONCLUSION:

The Fund Requests Management System project, codenamed "FUNDIT," has been a comprehensive journey of iterative development and continuous improvement. By adhering strictly to the Scrum methodology, we ensured that our development process remained flexible, transparent, and responsive to stakeholder needs. Through regular sprint planning, daily stand-ups, sprint reviews, and retrospectives, our team was able to maintain a clear focus on delivering value and meeting project goals efficiently.

Throughout this project, we have successfully implemented a wide range of functionalities, from secure user authentication and role-based access control to fund management and application processing. Each sprint was carefully planned and executed, with detailed documentation and rigorous testing to ensure high-quality deliverables. Our use of Jira Atlassian for tracking progress and managing tasks facilitated effective communication and collaboration within the team.

As we conclude this phase of the project, we are confident that the Fund Requests Management System will provide significant benefits to our stakeholders, streamlining the process of handling fund requests and ensuring transparency and accountability. We look forward to any future enhancements and iterations that will further improve the system's functionality and user experience.