

## Appvengers - Sprint 9

<b>Sprint 9 Completion:</b>	$(18 / 25) * 100 =$ <b><u>72%</u></b>	<b>Overall Project Completion:</b>	$(54 / 88) * 100 =$ <b><u>61%</u></b>
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Sprints	Assignee	Description	Due date	Attach file	Status
▼ Sprint 9			November 29, 2025		In progress
▼ Frontend			November 28, 2025		Continuous
Refine Login Page	Ynion, Ma. Bea Mae		November 28, 2025		Done
Refine Signup Page	Ynion, Ma. Bea Mae		November 28, 2025		Done
Refine Setup Account Page	Delima Justine		November 28, 2025		Done
Refine n8n AI Chatbot v design	James Michael Mejares		November 26, 2025		Done
Refine Sidebar	Delima Justine		November 28, 2025		Done
Add resend-verification page	Delima Justine		November 26, 2025		Done
Improve AI chatbot (Bonzi) knowledge (implement better AI agent w/ RAG)	James Michael Mejares		November 28, 2025		In progress
Refine Budgets Page	Delima Justine		November 28, 2025		Done
Apply RouteGuard			November 28, 2025		Next Sprint

Sprints	Assignee	Description	Due date	Attach file	Status
▼ Backend			November 28, 2025		Continuous
Expand Session Managt	Arroyo John Matthew		November 28, 2025		Done
▼ User Account APIs			November 28, 2025		Continuation
update account	Arroyo John Matthew Ynion, Ma. Bea Mae	updates personal information of the user.	November 21, 2025		Next Sprint
change/forgot/reset password	James Michael Mejares	updates the password of the user.	November 21, 2025		Done
soft delete of account	James Michael Mejares	should set the is_deleted column to 1 (true)	November 21, 2025		Done
deactivate account api	James Michael Mejares		November 21, 2025		Done
Set user information to account settings form.			November 29, 2025		Next Sprint
+ New sub-item					
▼ Transaction APIs	Ynion, Ma. Bea Mae Arroyo John Matthew		November 28, 2025		Done
Create Transaction	Ynion, Ma. Bea Mae Arroyo John Matthew		November 21, 2025		Done
Read Transactions	Ynion, Ma. Bea Mae Arroyo John Matthew		November 21, 2025		Done
Update Transaction	Ynion, Ma. Bea Mae Arroyo John Matthew		November 21, 2025		Done
Soft Delete Transaction	Ynion, Ma. Bea Mae		November 21, 2025		Done

Sprints	Assignee	Description	Due date	Attach file	Status
▼ Budgets API			November 28, 2025		Next Sprint
Create Budget	Delima Justine		November 28, 2025		Next Sprint
Read Budgets	Delima Justine		November 28, 2025		Next Sprint
Update Budgets	Delima Justine		November 28, 2025		Next Sprint
Soft Delete Budgets	Delima Justine		November 28, 2025		Next Sprint
+ New sub-item					
Enhance Email Verification	Delima Justine	Added Token Expiration.	November 26, 2025		Done
+ New sub-item					
▼ Deployment			November 28, 2025		Done
Connect VPS Database to Localhost Backend	James Michael Mejares		November 24, 2025		Done
iBudget Database Backup	James Michael Mejares Delima Justine Ynion, Ma. Bea Mae Arroyo John Matthew		November 26, 2025		Done
+ New sub-item					
+ New sub-item					

### Sprint Description:

This sprint focuses on refining some components and features of our web application for users' clarity and clear system flow. This sprint also highlights our manual database backup and syncing the main database of our web app using a script.

**Frontend:** The only component we need to complete is the reports dashboard, and discuss the functionality of the page

**Backend:** We need to complete the remaining API's for account settings, budgets, etc.

### Sprint Retrospective:

- What went well?
  - The team completed many frontend tasks, including refining the login, signup, setup account, sidebar, and resend verification pages.
  - Backend password-related features, account deactivation, and soft-delete functionalities were successfully finished.
  - All Transactions API's CRUD were completed on time.
  - Deployment tasks, such as connecting the VPS database to the localhost backend and performing the database backup, were completed.
  - The enhancement of email verification with token expiration was completed.
- What could be improved?
  - RouteGuard implementation and key backend account APIs were not completed as planned.
  - The entire Budgets API CRUD was pushed to the next sprint
  - We encountered roadblocks in the Transaction module where API calls returned a 403 error.
  - The login authentication should check if the user is email verified.
- What needs to be done?

- Complete all carried-over tasks: RouteGuard, Update Account API, Settings Form API, and Budgets endpoints.
- Finish the ongoing AI Chatbot improvements with RAG.
- Address and resolve the 403 error encountered during Transaction API implementation, ensuring a proper authentication/authorization flow.
- Revise API endpoints document and project documentation (database design, features, use-case etc) for project goal clarity.