

Planning 11/8- 11/17

Note: If work items have an asterisk (*) next to them, then it's a Phase 2 feature

Developer Color Legend

Aiden

Diego

Jacob

Kameron

Kihambo

Nathan

- **Team Capacity**

- a. 168 Total hours in a week

- Aiden: $2.5 + 2 + 1.5 + 2.5 + 1.5 + 2.5 + 2 = 14.5$

- Diego: $3 + 3 + 1 + 1 + 1 + 3 + 3 = 15$

- Jacob: $1 + 2 + 1 + 2 + 3 + 2 + 2 + 1 = 11$

- Kameron: $3 + 3 + 1 + 3 + 1 + 3 + 3 = 17$

- Kihambo: $2 + 3 + 3 + 4 + 1 + 2 + 2 = 17$

- Nathan: $2 + 2 + 2 + 2 + 2 + 2 + 2 = 14$

- b. Team Capacity = $14.5 + 15 + 11 + 17 + 17 + 14 = 88.5$ hours / EP

- **Assignments Based on Product Backlog**

- A. Business Requirements Document

- a. Core Components (9 EPs)

- i. 1 effort point each

- 1. Logout

- 2. Authentication

- 3. Authorization

- 4. registration

- 5. account recovery

- 6. account deletion

- 7. user management

- 8. user privacy control

- 9. usage analysis dashboard

- 10. logging

- b. Feature Revisions (7.5 EPs)

- i. .5 effort points each

- ii. Phase 1

- 1. collaboration search

- 2. ear training

- 3. artist portfolio

4. tempo tool
5. audio visualizer
6. basic track editor
7. artist profile calendar
8. scale display
9. bingo board
10. gig review system
11. collab feature

iii. Phase 2

1. music-lesson hub
2. advanced search
3. tempo transposition tool
4. rhythm tempo game

B. Decision Tree (6 EPs)

- a. Create Decision Tree

C. High Level Design Document (9 EPs)

- a. Client-side Architecture
- b. Server-side Architecture
- c. Error Handling
- d. Logging
- e. Data access
- f. Security

D. Project Plan (11 EPs)

- a. Gantt Chart
- b. Test Plan
- c. Site Map
- d. Purpose
- e. Audience
- f. Project Roadmap
- g. Risk Mitigation Plan
- h. Cost Estimation Report
- i. Change (Approval) Management Process Document

E. Data Access Library (9 eps)

- a. Code Data Access Library
- b. Generic Interface
- c. Data Access Objects
- d. Read Only Permissions
- e. Write Only Permissions
- f. Account for different databases (SQL Server, MariaDB)

F. Logging Library (9.5 eps)

- a. Code Logging Library

● Task Breakdown

Team Member	Capacity (hours)	Tasks (hours)
Aiden	$14.5 - 1 =$ $13.5 - 1 =$ $12.5 - .5 =$ $12 - 2 =$ 10	<ul style="list-style-type: none"> • User admin <ul style="list-style-type: none"> ○ Registration (1) ○ account recovery (1) ○ account deletion (.5) ○ user management (2)
Kihambo	$17 - 1 = 16 - 2 = 14 - 4 = 10$	<ul style="list-style-type: none"> • Ear Training Game (1) • Collaboration Search(2) • Core Component Requirements (4)
Jacob	$11 - .5 =$ $10.5 - .5 =$ $10 - 1 =$ $9 - 1 =$ $8 - .5 =$ 7.5	<ul style="list-style-type: none"> • Audio Visualizer(.5) • Artist Portfolio(.5) • Usage Analysis Dashboard (1) • Logging Core Component (1) <ul style="list-style-type: none"> • Tempo Transposition tool(.5)
Diego	$\sim 14 \rightarrow 10 - 10? \rightarrow 0$	<ul style="list-style-type: none"> • Bingo Board(1) • Gig Reviewer(1) • Music lesson hub(phase2, 0.5) • Rhythm tempo game(Phase2, 0.5) • Starting logging & data access with kameron(10)

Kameron	$17 - 1 - 0.5 - 0.5 - 0.5 = 14.5$ $14.5 - 6 = 8.5 - 8.5 = 0$	<ul style="list-style-type: none"> • Advanced Search (1) • Collab Feature (0.5) • Scale Display (0.5) • Basic Track Editor (0.5) • Decision Tree (6) • Starting Logging and DAL with Diego (8.5)
Nathan	$14 - 2 - 1.5 - 1 - 0.5 - 0.5 = 8.5$	<ul style="list-style-type: none"> • Security <ul style="list-style-type: none"> ◦ Authentication (2) ◦ Authorization (1.5) ◦ Logout (1) • Artist Profile Calendar (0.5) • Tempo Tool (0.5)

- End of Sprint Checklist :
 - Commit Code
 - Client Demo
 - Sprint Retrospective
 - See document Sprint -1 Sprint Retrospective/ Action Plan