# Project Overview Summary Report - July Week 2, 2025

#### 1. DPI (PrepAI) Phase 2

# ● Weighted Average Completion: ( 23% - 24%)

# ○ Extraction and sorting WAEC textbooks: (44.8% Done)

# Extraction and sorting JAMB textbooks: (48% Done)

# ○ Question Bank Generation ( WAEC English): (15% Done - there are 21 subjects being tracked here)

# ○ Voice cloning: (80% Done)

# ○ Build Voice Agent & Question Generation Agent: (60% Done)

# ○ Front-end & Backend (70% Done)

# -Super Admin Screens

-School Admin Screens

-Student user screens

- Refactor Q & A generation endpoints

- Livekit Voice AI Feature

**2. Public Service (TTS Names Data Cleaning)**

# ● Weighted Average Completion: ( 46% - 48%)

# ● Deliverables:

○ Data Cleaning: (100%, Done) - Intern

# ○ Checking Clean Data: (55% Done) - Intern

# ○ Sentence Generation: (45%, Done) - Intern

○ Speech Recording: (0%, Done) - Intern

○ Finetune Model: (52%, Done) - LLM

○ Checked Names Tidying: (35%, Done) - LLM

**3. PREP AI WAEC Subject Extraction Update**

**WAEC:** (44.76%) **Unchanged**

JAMB: (22% - 48%) **Unchanged**

**WAEC**

| Status Update on 21 WAEC textbooks and past questions | Scanned | Extracted | Sorted | Passed to LLM | Passed to Backend | Total Completion |
| --- | --- | --- | --- | --- | --- | --- |
| % Completion | 86% | 76% | 24% | 19% | 19% | 44.76% |
| No. of subjects | 18 | 16 | 5 | 4 | 4 |  |

**JAMB**

| Status Update on 10 JAMB subjects | Scanned | Extracted | Sorted | Passed to LLM | Passed to Backend | Total Completion |
| --- | --- | --- | --- | --- | --- | --- |
| % Completion | 100% | 100% | 20% | 10% | 10% | 48.00% |
| No. of subjects | 10 | 10 | 2 | 1 | 1 |  |

Project Report - Week 2 (7th July - 11th July 2025)

**PUBLICA ACADEMY**

### LLM TEAM

**Task: Course Slide Revamping** **Assignee: Ayodeji Akande** **Status: 80%** **Description:** – Revamped AI Summer Course slides

**Task: Course Slide Revamping** **Assignee: Shakira Hibatullahi** **Status: 80%** **Description:** – Gathered materials for course slide revamping

**Task: Course Splitting and assignment** **Assignee: Chisom Chibuike** **Status: 100%** **Description:** – Splitted and assigned the topics and courses for Abeokuta Training.

**Task: Course Slide Creation** **Assignee: Chisom Chibuike** **Status: 50%** **Description:** – Created course slide materials on the Mathematics for Deep Learning

### DATA TEAM

**Task: Course Slide Creation** **Assignee: Confidence Ojiakwu** **Status: 40%** **Description:** Created slides on PYTHON FOR BACKEND

**Task: Course Slide Creation** **Assignee: Olanike Aladeojebi** **Status: 40%** **Description:** Created slides on Databases and Authentication for Backend

### FRONTEND

**Task:** Learner's platform Updates  
 **Assignee:** Samuel  
 **Status:** Completed 100%  
 **Description:**

* - Integrated topic practices - Learners can now access topic practices from the course content page.
* - Integrated AI coding assistant for code exercises on Practice Page
* - Updated module project upload page with AI evaluation and feedback feature
* - Reworked PracticePageWithCourseSelection to fetch topic practices with pagination and search functionalities
* - Fixed lesson topic video play issues
* - Integrated endpoint to fetch module project details - Learners can now see the correct module project details/instructions in the modal for each module
* - Designed a demo Leaderboard page that ranks learners based on overall scores

**ABEOKUTA TRAINING**

**BACKEND**

**Task:** Created question bank for aptitude test and wrote more APIs **Assignee:** Debby **Status:** Completed ( 100%) **Description:** -Wrote api to count total applicants

* -Wrote api for gender count
* Wrote api to get application trend
* -Wrote api to get state count
* -Wrote api to get employment status distribution
* -Wrote api to get education distribution
* -Wrote api to get aptitude test question
* -Wrote api to submit aptitude test
* -Wrote api to get programming language test
* -Wrote api to submit programming language test
* -Created question bank for aptitude test

**FRONTEND**

**Task:** Created screens for Aptitude tests **Assignee:** Gideon **Status:** In progress ( 70%) **Description:** Create screens for students whose NIN has been accepted to view and answer questions

### AGENCY ACT

**LLM TEAM**

**Task: Finetuning Dataset Upload** **Assignee: Chisom Chibuike** **Status: 70%** **Description:** – Modified the finetuning data code

**LLM TEAM**

**Task: Database Update** **Assignee: Confidence Ojiakwu** **Status: 100%** **Description:** – Modified the crud file for the FAQ and Service table and push to github

### News Analysis & Social Media Mgt

#### Task: News Analysis

# Assignee: Olanike Aladeojebi Status: (100%) Description: - Extracted, generated and published insights from the scraped news: 29th June - 5th July, 2025

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#### Task: Social Media Mgt

# Assignee: Olanike Status: (100%) Description: - Updated weekly news analysis on Linkedin & Facebook

**Status Project Report - Week 1 (30th June - 4th July 2025)**

**PUBLICA ACADEMY**

### LLM TEAM

**Task:** Course Videos  
 **Assignee:** Chris Ekwugum  
 **Status:** 70% –**Unchanged**  
 **Description:** – Recorded and edited videos for AI Summer Course  
  **Task:** Course Upload  
 **Assignee:** Chris Ekwugum  
 **Status:** 25% –**Unchanged**  
 **Description:** – Uploaded the first module of the AI Summer Course to the platform

**Task:** Learner's platform Updates **Assignee:** Samuel Adeyeye **Status:** In progress  **Description:**- Design Leaderboard for all learners

- Update the My Learning page with learner's course details and progress

**PREP AI**

**LLM TEAM** **Task:** JAMB Physics Question Bank  
 **Assignee:** Ayodeji Akande  
 **Status:** 50% –**Unchanged**  
 **Description:** – Generated a question bank for JAMB Physics

**BACKEND** **Task:** Modified the topic and question generation controller   
 **Assignee:** Debby  
 **Status:** 60%  
 **Description:**

* -Modified the topic controller to display only the topics at the student level
* -Modified the question generation controller to use LLM only for waec and jamb practice

**TEXTBOOK SORTING**

**Task:** Textbook Scanning  
**Assignee:** Mercy   
**Status:**  90% Unchanged  
**Description:**

* Scanned Govt, Math, Eng, IRS, CRS, Econs, Civic WAEC past questions

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**Task:** Textbook Extraction   
**Assignee:** Confidence Ojiakwu   
**Status:** 71% Unchanged  
**Description:**

* Five WAEC subjects' past questions were successfully extracted from scanned documents and converted into markdown format. The files have been organized into a structured folder for easy access

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**Task:** Textbook Sorting   
**Assignee:** Olanike Aladeojebi   
**Status:** Government\_JAMB - 100%, Economics\_JAMB - 80% Unchanged  
**Description:**

* Sorted Govt and Economics jamb past questions

**ABEOKUTA TRAINING REGISTRATION  
BACKEND**

**Task:** Wrote APIs for Abeokuta training registration **Assignee:** Debby **Status:** In progress (95% - 100%) **Description:**-Wrote api to access applicant data through NIN API call

- Wrote api to save applicant's registration

-Wrote api for admin login

-Wrote api for admin to download all applicants as a csv

-Wrote swagger doc for all the APIs

**Status Report Project Report - Week 4 (23rd - 27th June 2025)**

**TEXTBOOK SORTING**

**Task:** Chemistry textbook sorting  
**Assignee:** Victor Somadina  
**Status:** In progress 80% - Unchanged   
**Description:** Sorting chemistry textbook for prepAI

**Task:** IRS Textbook sorting  **Assignee:** Yusuf  
 **Status:** In progress (80%) -Unchanged  
 **Description:** - Sorted the IRS textbook in json format

**Status Report - Project Report - Week 3 (16th - 20th June 2025)**

### LLM TEAM

**Task:** Physics textbook sorting  
**Assignee:** Chisom Chibuike  
 **Status:** (5-30%) –**Unchanged**  
 **Description:** Got access to the physics material from confidence on friday, and started sorting it.

**PUBLICA ACADEMY**

**BACKEND**

**Task:** code Editor platform backend implementation  
 **Assignee:** Victor  
 **Status:** In progress 70% - 80%  
 **Description:**

* - working on API for user API tracking
* - working on backend jupyter notebook implementation
* - Integrating the AI assistant with badru
* - worked on the code execution endpoints

**AI DEVELOPMENT**

**Task:** Project Evaluation Agent  
 **Assignee:** Badru  
 **Status:** In Progress 70% - Unchanged  
 **Description:** - Creating an agent that evaluates student project

**LLM TEAM**

**Task:** Material Development  
**Assignee:** Chris Ekwugum  
**Status:** (5%) –**Unchanged**  
**Description:** Updating existing learning materials on Python.

**Task:** Learning Materials (Slide Link Sorting)  
**Assignee:** Chris Ekwugum  
**Status:** (5%) –**Unchanged**  
**Description:** Sorting learning material slide iframe links for the backend team.

**Task:** Learning Materials (Summary Compilation)  
**Assignee:** Chris Ekwugum  
**Status:** (5%) –**Unchanged**  
**Description:** Compiling learning material summaries for the Publica Academy chatbot.

**Public Service**

**Data Team**

**Task:** Ministry Acts Database update  
**Assignee:** Confidence  
**Status:** Completed 90% - 95%  
**Description:** Updated ministry acts database

**Learning Progress**

**Data Team**

| **Learning progress** |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Team Name** | **Course** | **Track** | **% Done** |  |
| Olanike | AWS | Introduction to cloud computing | 100% | **Paused to Focus on Creating the Track 2 Course content** |
| Olanike | AWS | Introduction to cloud computing | Mod 1 & 2 completed |
| Confidence | AWS | - Created a bucket and uploaded an object into it  - currently in session 2 | 40% |
| Mercy | Fast API | - learned about abstraction,contructors,encapsulation and inheritance in python  - Done with section 2 of the course  -Learnt about FastAPI request method logic  -learnt about path parameters and query parameters  -learnt about pydantic  -status codes  -Done with section 7  -Done with section 8 | 10% - 30% |  |
| Mercy | Fast API | -Learnt about object relational mapping  -Learnt about SQL database  -Learnt about Authentication and Authorization  -Learnt about Json web Token  -Learnt about Production Management Database Systems  -Done with section 14 | 70% |  |

**Status Update Project Report - Week 2 (10th - 13th June 2025)**

**Public Service**

**LLM TEAM** **Task:** Voice cloning  
 **Assignee:** Shakira  
 **Status:** (75-80%) –**Unchanged**  
 **Description:** Voice cloning for Orpheus

**Status Update Project Report - Week 1 (2nd - 5th June 2025)**

**PUBLIC SERVICE**

**LLM Team**

#### Task: Sentence Generation Pipeline

# Assignee: Chris Ekwugum Status: (90-45%) –Unchanged Description: Wrote code to fetch data from API and generate sentences using LLM structured prompts Chris updated this back to 45% after Mr. Willie complained of putting wrong information on the doc.

# Status Update Project Report - Week 4 (26th - 30th May 2025)

**PUBLIC SERVICE**

**AI DEVELOPMENT**

**Task:**  Build a new public service chat bot (WhatsApp chat bot , LLM response evaluation and Voice Chat)  
**Assignee:** Yusuf & Badru  
**Status:** In Progress 50% -Unchanged  
**Description:**

* - Add voice chat to the public service chat bot
* - Add LLM evaluation to the public service RAG pipeline (RAGAS)
* - Create a Whatsapp version of the Public service chat bot

**Blockers:** Trying to create a facebook and whatsapp business account to get the whatsapp Api key and token needed to create the whatsapp agent

**Status Update - Project Report - Week 3 (19th - 23rd May 2025)**

# PUBLIC SERVICE

### TTS Intern

**Task:** Checked Names Tidying  
 **Assignee:** Ayodeji Akande  
 **Status:** In Progress (30%-35%) -Unchanged  
**Description:** Tidied and sorted out the checked names

# Status Update Project Report - Week 5 (28th April - 2nd May 2025)

# PUBLIC SERVICE

Task: Cleaned Names Checking (TTS Interns)  
Assignee: TTS Interns  
Total number of cleaned names checked: 707,967  
Status: 45%-55%