



## Week 7 Milestone Worksheet

### SECTION A: My Team's Problem Statement

#### **Part 1: State your team's problem statement**

Please write **your team's** agreed-upon **problem statement** here:

Sub-Saharan Africa's public sector is plagued by systemic corruption and weak institutions, leading to inefficient public service delivery, misallocation of public funds, and widespread poverty. This crisis particularly affects urban and semi-urban citizens—young professionals, civil servants, and small business owners—who lack visibility into how tax revenues are spent. By deploying digital procurement and transparency tools, our goal is to ensure that all tender opportunities, contract awards, and spending data sheets are published in real time, empowering citizens to hold their government accountable.

#### **Part 2a: Team's Group Name**

Please write **your team's** agreed-upon **team group name**.

**Answer: Sapphire**

## **Part 2b: Team's Group Members' Names**

Share all your team roles, both primary and backup. Write the peer's name and the role(s) they are filling next to it. Each team has 4 - 6 people and you **must write at the very least 4 names and 4 team roles**. But if for any reason you end up with fewer people, you can still write at least 4 roles (2 primary and 2 backup for each person.) List your team members' names and roles in the space below.

Example:

1. Josephine Oware - Project Manager (primary); Data Analyst (backup)
2. Muhammad Khisal Ahmed - Designer (primary); Editor (backup)

1. Patience Simuli - Team Coordinator (primary); Data Analyst (backup)
2. Godsfavour Nnaji - Data Analyst (primary); Research Lead (backup)
3. Calvin Ndegwa - UI/UX Designer (primary); Project Manager (backup)
4. Simon Edwin - Research Lead (primary);

## SECTION B: Your Team's Solution Idea

### Part 1: Bad Idea Brainstorm (Team)

As a team, you must have **generated at least 10 more new bad ideas**. List these down in the space below. You must have captured this list in your Week 6 Milestone.

*Remember, the dumber the idea, the better!* This is to help you work as a team to be non-critical. **Stay in divergent thinking**. It helps to say “*thank you*” after every idea is shared. List your brainstorming ideas below.

1. Lie Detector Machines that set off alarms in offices
2. Self-destructing government cash vaults
3. Outsourcing government duties to private tech companies
4. Corruption-Detecting Satellites from Space
5. Replace All Government workers with AI Robots
6. Refuse the right to privacy for government workers – require public officers to broadcast their bank balances every month on a monthly radio show.
7. Run a reality show with government officials and eliminate one each week
8. Develop “bribe-repellent” creams and stickers for government officers that cause an uncomfortable reaction to bribery.
9. Legalise bribes and include them within the tax basket

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### Part 2: Narrowed Ideas

Your next task is to provide a list of your team’s **narrowed choices**, which will put you in a **convergent thinking mindset**. You should have discussed and debated this and tried to reach a consensus on **3 ideas for a solution** (or *partial solution*) to your problem that your team will consider working on for

the rest of Month 2. These ideas can be totally new, the same, or variations from ideas you've already come up with.

Remember that they should involve some sort of technology (*either a piece of software like an app or algorithm, or a physical device such as a robotic fish or machine that scans your DNA*). You will not have to build the solution out. But you will have to create some type of basic prototype (*if it is a device*) or a set of wireframes (*if it is an app/software*). You will not have to actually create the technology or code. Write the top 3 of your shortlisted ideas below.

**Blockchain Procurement Ledger:**

A permissioned blockchain platform where all public tenders, contracts, and payments are immutably logged, viewable by citizens in real-time.

**Procurement Transparency Map (Selected):**

A crowdsourced platform where citizens can geotag ongoing government projects, upload photos and progress updates, and rate completion status.

**SMS/WhatsApp Procurement Alerts:**

A lightweight mobile service that pushes out procurement opportunities, contract awards, and spending summaries to citizens via SMS or WhatsApp.

### Part 3: Selected Solution

Lastly, your team must have agreed on one idea for a solution (or partial solution) that you will work on for the rest of Month 2.

Remember, the solution should involve some sort of technology and be possible to create—but feel free to make it very ambitious! You will have to create some type of basic prototype (if it is a device) or a set of wireframes (if it is an app/software). You will not have to actually create the technology.

*You must find a fair way to reach a consensus with your group, including a discussion in which everyone's voice can be heard.* Write down this finalized solution idea below, in as much detail as possible.

#### **Procurement Transparency Map**

Our final solution is a crowdsourced digital platform called ProcureMap, designed to promote transparency in public infrastructure projects.

#### **This platform allows citizens to:**

- Geotag ongoing public projects in their communities
- Upload real-time images showing project progress (e.g., “foundation laid,” “roofing completed”)
- Select milestone stages and rate completion
- View an interactive map with project pins linked to verified budget info

- Flag issues like abandoned or delayed projects

**Why We Chose This Solution:**

This solution empowers ordinary citizens to become project watchdogs and encourages public participation in governance. It is inspired by successful civic tech like **Ushahidi** and **FixMyStreet**, and it fills a major gap in Nigeria's transparency ecosystem. We also chose this because would be technically feasible within our skillset to wireframe and simulate

## SECTION C: My Team's Wireframe/Prototype

### Part 1: If Wireframe

In the space below, add a link to the images of each screen of your wireframes. The images must be digitally created (using a tool like Figma, Miro, or Keynote), not drawn by hand. You should have at least 6 images. Each image must contain at least 1 navigation indicator, at least 1 element (such as a button), and at least 1 annotation. You can upload the images to a Google Drive folder and share that link below.

**Optionally**, you may create a video similar to [this one](#) to better showcase your wireframes. It should be no more than 60 seconds long. Upload this video to YouTube (you can choose to make it unlisted) and provide the link.

Add the links to either the images or the video, in the space below. Please double-check that the link is correct.

 Canva

### Part 1: If 3D Prototype

Create a video lasting no more than 60 seconds that shows your prototype in action. It should provide a full 360-degree view of your prototype and show or explain at least 5 of its functions. Upload this video to YouTube (you can choose to make it unlisted) and provide the link in your Google Doc.  
IMPORTANT: Please double-check that the link is correct and working!



## SECTION D: How the Project's Going

### Part 1: Process Reflection

In 5 to 10 sentences, please share an overview of your and/or your team's process of deciding on the problem you're going to solve, finalizing a solution you're going to work on, and then creating wireframes or a prototype. What was the most challenging thing about this whole process? What did you learn? What went very well for you?

Our team chose to focus on solving corruption and bad governance because we recognized how these issues affect development, fairness, and trust in institutions. We believed that by tackling this problem, even in a small way, we could propose a solution that creates real social impact.

We brainstormed different approaches, ranging from blockchain-based transparency tools, and ultimately decided to work on a digital citizen-reporting and transparency platform. This tool allows users to anonymously report incidents of corruption and track government projects, promoting public accountability and community oversight.

The most challenging part of the process was narrowing down our ideas into one realistic, impactful, and technically feasible solution. Everyone had strong opinions and creative suggestions, hence it took us a lot of time to research and align on one concept.

Throughout this process, we learned the importance of collaboration, structured decision-making, and staying focused on the end-user's needs.



What went very well was our team synergy and idea generation phase, where everyone contributed, and we built on each other's strengths



## SECTION E: User Feedback

### Part 1: User Interviews

List the names of the people you or your team members interviewed for your user feedback. You must have interviewed at least two people, but you can do more.

**Chijioke Onuorah (Urban resident, 29, Onitsha)**

**Esther Akpan (Youth corps member, civic tech enthusiast)**

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### Part 2: User Interviews

Please describe **at least 4 pieces of feedback** that you received from your users and whether or not you plan to take action on it. For each piece of feedback, list the feedback in the space below and then mention what you're going to do about it underneath it.

Feedback 1

**Chijioke were concerned about the credibility of information uploaded by other users (e.g., fake project photos).**

Your Action Plan for Feedback 1

**We plan to introduce a "Verified by Admin" badge for confirmed project updates and a flag/report feature to allow crowdsourced moderation.**

Feedback 2

**Some users in rural areas might have poor internet connectivity and will prefer offline or SMS-based options.**

Your Action Plan for Feedback 2

**We will explore developing a lite SMS feature that allows users to send project updates via text message, which will then be manually uploaded and tagged by moderators.**

Feedback 3

**A few users said they would love to track past projects, not just active ones, to know if timelines were met.**

Your Action Plan for Feedback 3

**We'll add an archive view to allow users to search and view historical public project data and completion timelines.**

Feedback 4

**Users found the map interface intuitive but wanted the option to filter by state or sector (e.g., health, education).**

Your Action Plan for Feedback 4

**Subsequently, we'll implement a filter system using categories like "Sector," "Location," and "Project Status" to improve discoverability.**

## SECTION F: Team Reflection

### Part 1: Reflecting on the Team Experience

In the spaces provided after each question, reflect on and answer the 7 questions listed below.

Part 1 A: What is working well with your team?

**open communication and collaboration**

Part 1 B: What is one good thing that happened during your team meeting?

**As a team, we were able to agree on a final solution to focus on using technology to increase transparency in government services**

Part 1 C: What is one thing your team could do better in the next meeting?

**We could improve on time management. Sometimes we spend many minutes discussing one topic and run out of time for others. Setting time limits for agenda items might help**

Part 1 D: Are you experiencing any concerns or frustrations with your team? If yes, what can you personally do to lessen the concern/frustration?

**My team is the best, and I am not Frustrated with it**

Part 1 E: How would you rate your ability to communicate with your team members on a scale of 1 to 4? (1=extremely poor and 4=excellent)

4=excellent

Part 1 F: Overall, how satisfied are you with how well your team is working together? (On a scale of 1 to 4, with 1=extremely poor and 4=excellent)

4=excellent

Part 1 G: Is there anything else you'd like to share about your team and their process?

**I don't have anything currently**

**Once you have completed this worksheet:**

1. Save as a .pdf.
  1. Rename it per the instructions.
  2. Upload to Savanna as your Week 7 Milestone Submission.
  - 3. Celebrate a job well done!**
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