# Week 6 Milestone Worksheet

## SECTION A: Before Your Team Meeting

### Step 1: Restate your team's problem statement

Please write **your team's** agreed-upon **problem statement** from Week 5 here:

| Step 1: My Team's Problem Statement |
| --- |
| Rural communities in Kenya face massive hurdles in healthcare arising from limited adoption of telemedicine and mobile health services. This inability to access health care affects already vulnerable populations, including children, the elderly, and women, giving rise to late diagnosis, untreated conditions, and preventable deaths. By addressing barriers including inadequate internet connectivity, lack of awareness, and insufficient funding, we can leverage technology to bridge the healthcare divide and improve health outcomes in the rural areas. |

## Step 2: Bad Idea Brainstorm

**BEFORE** you meet with your team, conduct a **Bad Idea Brainstorm** with yourself. **List at least 10 bad ideas** for how you might solve your problem. You can get completely ridiculous.

*For example: Sharks with laser beams in their heads who burn up microplastics in the ocean, bees that telepathically communicate in order to tutor children who don't have access to quality education, etc.*

**The dumber the idea, the better!** The purpose of this is to get your mind open to generating ideas without fear of them being wrong, dumb, or bad. *(Stay in divergent thinking.)* Need help? You can get inspiration from: http://labs.jackpine.co/projects/FirstBadIdea/

| Step 2: Individual Bad Ideas |
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| 1.Whistle for a doctor – Special whistles summon doctors from the nearest city instantly.<br>2.Grandma-powered telemedicine – Elderly women in the village are given super-powered AI glasses that let them act as virtual doctors.<br>3.Mosquito vaccines – Modify mosquitoes to inject people with vaccines instead of malaria.<br>4.Talking medicine bottles – Medicine bottles that yell at you if you forget to take your pills.<br>5.Self-driving mobile clinics on donkeys – Donkeys equipped with AI navigate villages and provide medical advice. |

6.Patients wear headbands that absorb medicine directly from the clouds.

7.Patients Sniffer Dogs- Train Dogs to identify patients and make fast reports to health centres.

8.Train each and every person in rural areas.(Medical TRaining)

9.Supply each person in rural areas with Medicine and healthcare equipment.

10.Assign each person in rural areas with a doctor

## Step 3: Possible ideas

Next, **list at least 5 "possible ideas" to address your problem.** These do **NOT** have to be good ideas. The only constraint is that they should be at least theoretically possible. 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're still in Divergent thinking here, so don't judge your ideas as good or bad.

| Step 3: Individual Possible Ideas |
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| 1.USSD-based telemedicine – A system that lets patients request medical help via basic phone text codes (works without internet).<br>2.AI telemedicine app – A smartphone application that allows patients to communicate with physicians through video calls and AI-driven symptom screening.<br>3.AI-powered symptom scanner – A handheld scanner that diagnoses illnesses using machine learning.<br>4.Telehealth via satellite internet hotspots – Portable Wi-Fi stations that allow rural patients to access telemedicine even in remote areas.<br>5.Smart herbal medicine integration – AI-powered apps that analyze local herbs and recommend safe combinations for traditional healing.<br>6.Community health kiosks – Solar-powered kiosks with basic health diagnostics, medicine, and consultations with online doctors.<br>7.Blockchain medical records for rural patients – A decentralized, secure health record system so patients can access their data anywhere. |

**!!! PLEASE BRING THE ABOVE WORK WITH YOU TO YOUR TEAM MEETING.**


**Please go back to Savanna and continue with your learning content. You will be prompted on when to return to complete Section B.**

# SECTION B: Team Meeting Output

## Step 4: Meeting Date, Time, & Location

Please list when and where your team meeting took place.

| Step 4: Meeting Date, Time, & Location |
| --- |
| A. **Date: 19TH February 2025**<br>B. **Time: 7:30 PM**<br>C. **Location: Google Meet** |

## Step 5: Meeting Attendees

Please list who attended your team meeting, and their primary role.

| Step 5: Meeting Attendees |
| --- |
| **1.**<br>**2.**<br>**3.**<br>**4.**<br>**5.** |

## Step 6: Bad Idea Brainstorm (Team)

Everyone should share several of their previously bad ideas from Step 2 above. Then as a team, you must **generate at least 10 more new bad ideas.**

*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.

| Step 6: Bad Ideas (Team) |
| --- |
| 1. Create drones to deliver medications to the rural areas<br>2. Drones to pick test samples to a laboratory in a specified facility<br>3. High speed application despite low internet speed in the rural<br>4. Creating the system awareness in rural through online platforms<br>5. Make the rural dwellers to only rely on the application for medical services<br>6. Monthly mobile hospitals that target areas with most diagnosis as per the data generated by the system<br>7. Patients Sniffer Dogs- Train Dogs to identify patients and make fast reports to health centres.<br>8. Train each and every person in rural areas.(Medical TRaining)<br>.Supply each person in rural areas with Medicine and healthcare equipment.<br>9. 10.Assign each person in rural areas with a doctor |

## Step 7: Possible ideas (Team)

Next, everyone should **share at least 2 of their possible ideas from Step 3 above.** Your team then needs to come up with at least **5 new "possible ideas" to address your problem.** The only constraint is 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're still in Divergent thinking here, so don't judge any ideas as good or bad. Again, it helps to say **"thank you"** after every idea is shared.

| Step 7: Possible Ideas (Team) |
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| 1. USSD-based telemedicine – A system that lets patients request medical help via basic phone text codes (works without internet)..AI telemedicine app – A smartphone application that allows patients to communicate with physicians through video calls and AI-driven symptom screening.<br>2. Mobile health app for remote diagnosis – An app that allows patients in rural areas to send pictures of symptoms to doctors and receive diagnoses without needing to travel to a hospital.<br>3. Provide the citizen demographic in rural areas affected by the healthcare crisis with first aid kits<br>4. Increasing transportation services to the rural areas for the villagers to travel to more urban hospitals<br>5. Making patients wait for doctors and health personnel to travel from urban centers to rural areas for them to get medical access<br>6. Leave the medical situation in rural areas as is |

7. Give the rural hospitals untrained staff so as to make healthcare cheaper

## Step 8: Narrowed Ideas

Your next task is to **narrow your choices,** which will put you in a **convergent thinking mindset.** You should discuss and debate this and try 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.

| Step 8: Top 3 Ideas (Team) |
| --- |
| 1.USSD-based telemedicine – A system that lets patients request medical help via basic phone text codes (works without internet).<br>2.AI telemedicine app – A smartphone application that allows patients to communicate with physicians through video calls and AI-driven symptom screening.<br>3.Mobile health app for remote diagnosis – An app that allows patients in rural areas to send pictures of symptoms to doctors and receive diagnoses without needing to travel to a hospital. |

## Step 9: Selected Solution

Lastly, your team must agree 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.*

| Step 9: Team's Final Selected Solution Idea |
| --- |
| **Creating a mobile Telemedicine app that integrates AI for advanced symptom screening, also allowing patients to communicate with physicians by video calls, with a USSD option for citizens without access to the internet.** |

## Step 10: Action Items

In your meeting for Week 7, you will need to share work on a **prototype** or **wireframes**. Please list out here what specific people will do to contribute to this before the next meeting.

| Step 10: Action Items |
| --- |
| **PERSON / COMMITTED ACTION:**<br>**1. Emmanuel Hronek - Low Fidelity prototype**<br>**2. Shadrack Mutinda - Low Fidelity prototype**<br>**3. Allan Simiyu - High Fidelity prototype**<br>**4. JayAllan Langat - Low Fidelity**<br>**5. Nobert Guda - High Fidelity prototype**<br>**6. Arnold Okatch - High Fidelity prototype** |

## SECTION C: Reflections

### Step 11: Team Roles

Relist your team members' names and their primary roles.

| Step 11: All team members & their roles |
| --- |

1. Data analyst - Allan Simiyu
2. UI/UX designer - Emmanuel Hronek
3. Product Manager- Norbert Guda
4. Ux researcher -Shadrack Mutinda
5. Project Manager- Arnold Okatch
6. Assistant UI/UX designer-JayAllan Langat

## Step 12: Reflections

Please share your personal reflections on your experience with your team so far.

### Step 12: Team Process Reflection

**A. What is working well with your team?**

**Everyone is collaborative and ready to get involved.I like that.**

**B. What is one good thing that happened during your team meeting?**

**To see everyone ready to take on their roles in the next step of Wireframe design**

**C. What is one thing your team could do better in the next meeting?**

Make the meet a little longer

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

No

**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

**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

**G. Is there anything else you'd like to share about your team and their process? No.Everything is fine.**

**Once you have completed this worksheet:**

1. Export/convert to .pdf.
2. Rename it per the instructions.
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