



ZOMBIE USER EXPERIENCE TEAM ONE WORKSHEET DATA COLLECTION

The CDC doesn't know exactly what they want, but they do need a few core items listed below. Design a solution and make suggestions for additional functionality as needed.

- 1 **Blood Type**
The technician on scene will take a sample and record the required data. Several hypotheses surround the blood type connection.
- 2 **Infection Strain**
Choose from the three known infection strains, or mark as a new mutation. This data seems the most relevant to the search for patient zero.
- 3 **Location of Specimen**
To track infection spread, mark areas as completed, and supplement data in the search for patient zero.
- 4 **Gender (if discernible)**
Depending on the state of the specimen.

REQUIRED DELIVERABLES

- 1 **Research Phase**
How do you intend to gain empathy and context?
- 2 **Prototyping Phase**
What assumptions have you made?
- 3 **User Testing Phase**
How do you define success?
- 4 **Wireframes**
Show me what you mean.
- 5 **Solution Presentation**
Show us what you mean.



ZOMBIE USER EXPERIENCE TEAM TWO WORKSHEET UPDATE and SYNC

The CDC doesn't know exactly what they want, but they do need a few core items listed below. Design a solution and make suggestions for additional functionality as needed.

- 1 **Update**
Signal can be spotty out in the field, the technician on-scene will have to be able to sync the moment they become connected. Any and all data could be crucial in the search for patient zero.
- 2 **Error Recovery/Delayed Update**
Unfortunately we don't have very good signal integrity, as you know data is our life-blood. Ensure the package has been delivered.
- 3 **Push Notifications**
The need to alert technicians in the field is immense. Ensure we can communicate with them as needed.
- 4 **Ex-Associate Data**
We often recover devices off of ex-field technicians. This data needs to be integrated as quickly as possible.

REQUIRED DELIVERABLES

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ZOMBIE USER EXPERIENCE TEAM THREE WORKSHEET AUTHENTICATION

The CDC doesn't know exactly what they want, but they do need a few core items listed below. Design a solution and make suggestions for additional functionality as needed.

- 1 **Register the Device**
We need to allow new technicians on-scene to register and use the device. However, we would like to isolate the data sets.
- 2 **Automatically Lock the Device**
We often recover devices off of ex-field technicians, and we can't trust the general public. We need to ensure data integrity.
- 3 **Shared Devices**
Multiple technicians can share devices. This allows for remote teams to alternate hunting/sleeping patterns.
- 4 **Quick Unlock**
Allows for easy access when used in succession.

REQUIRED DELIVERABLES

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ZOMBIE USER EXPERIENCE TEAM FOUR WORKSHEET DATA VISUALIZATION

The CDC doesn't know exactly what they want, but they do need a few core items listed below. Design a solution and make suggestions for additional functionality as needed.

- 1 **Mapping Visualizations**
Everything from where the field technician is geographically, to the location of samples collected, to the number and kinds of strains - you name it, we've got to plot it.
- 2 **Parent/Child Relationships (read: mutations)**
The virus has been mutating and is currently divided into three distinct strains. We need to visualize the strain the mutation and the specimen information.
- 3 **Filter Results**
We will need to be able to filter this information, each new visualization brings with it new requirements. Required filters are: Location of Collection, Strain, Date of Collection, Blood Type, and Virus Strain.
- 4 **Historical Data View**
Comparison between data sets is necessary for data consumption.

REQUIRED DELIVERABLES

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ZOMBIE USER EXPERIENCE TEAM FIVE WORKSHEET NON-NATIVE APP

The CDC has put most of it's team on a native iOS app, but there is a Plan B. The Non-Native App team is has a odd-rogue mission, you must design an HTML 5 app - that can run in a modern mobile browser and support the features below. It is imperative that you do not divulge your secret mission to any of the other teams.

- 1 **Register the Device as a Bomb**
You heard me. We're going to take advantage of the fractured mobile platform and use their vast numbers against them. This feature turns any mobile device that resolves to a URL in a bomb.
- 2 **Variable Time Duration**
Variable timing has tested well with users, and allows the user to determine the necessary "fuse".
- 3 **Look at the Birdie Toggle**
On occasion a loud noise is necessary. Other times call for stealth.
- 4 **Gamification/Achievement Center**
Tracking technicians allows for rewards and engagement.

REQUIRED DELIVERABLES

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- 4 **Wireframes**
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