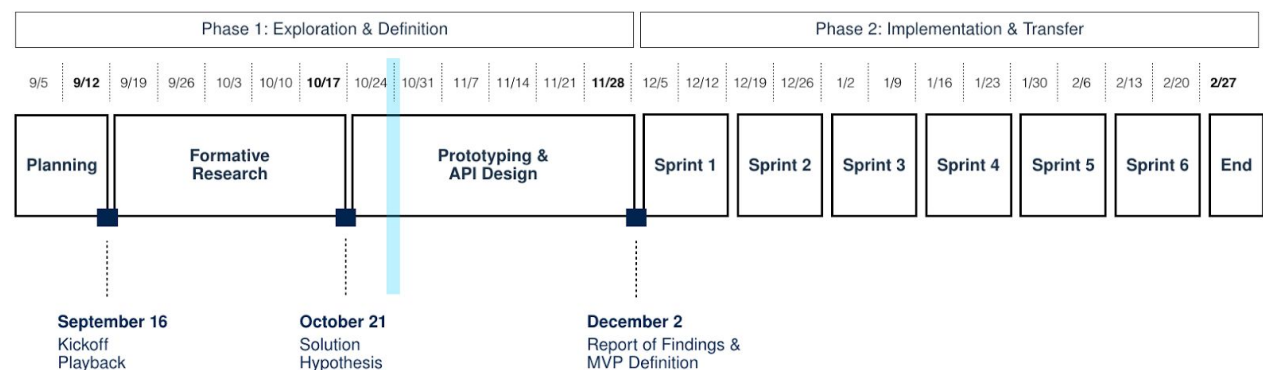**FBI Crime Data Explorer**

Status Report (10/28)

18F

Project plan

The project team has outlined a two-part approach for designing, building, and deploying the Crime Data Explorer (CDE). Part 1 will focus on defining the first iteration of the CDE, or minimum viable product (MVP), and Part 2 will focus on implementing features based on the product roadmap and ongoing user and stakeholder feedback.

Overall progress will be communicated through these status reports and weekly check-ins with the FBI core team.
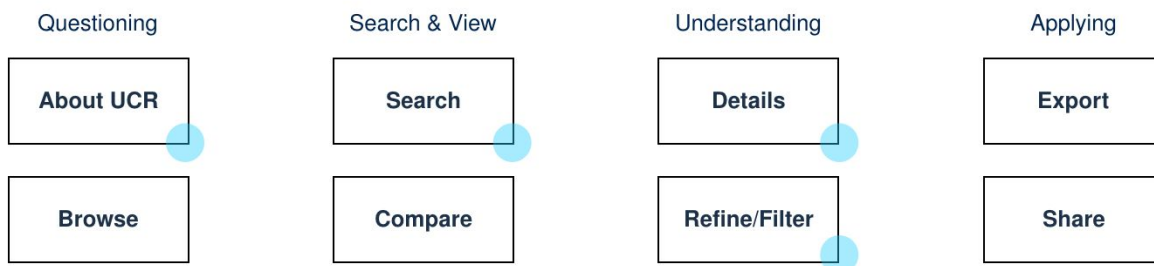
Executive Summary of Activities:

Having presented its preliminary findings and solution hypothesis to the FBI on October 21st, 18F is now shifting its focus from research to prototyping. The team will use the next 5 weeks to plan and develop lightweight experiments aimed at testing the core assumptions that came out of research and explore potential directions for the Crime Data Explorer. Since this phase of the project is aimed at developing a framework for prioritizing the key characteristics and capabilities of the MVP, 18F will focus prototyping on areas of uncertainty, such as how users prefer to navigate through UCR data, rather than "solved" engineering problems that can be addressed through development.

The team presented its plan for the first of three prototyping sprints last week and is actively working on several prototypes to test with users on Thursday, November 3rd. This first sprint will explore how a media persona, one of the target users identified by our research, prefers to navigate through data and refine results. The team will share its findings with the core team during next week's extended check-in on Monday, November 7.

Timeline & Approach for Prototyping:

October 24 - Nov 4	Nov 7 - Nov 18	Nov 21 - Dec 2
Sprint 1	**Sprint 2**	**Sprint 3**
Identify initial priority areas for testing	Explore follow-on opportunities	Refine selected concepts & synthesize learnings

Focal Areas for Sprint 1:

Questioning	Search & View	Understanding	Applying
About UCR	**Search**	**Details**	**Export**
Browse	**Compare**	**Refine/Filter**	**Share**

Open Issues:

The following items may require action from the FBI core team in order to resolve:

- Larry to work with Sammy and Lori to finalize the dates for the next milestone meeting, which is tentatively scheduled for early December. The team should also discuss who from the FBI/DOJ should attend this meeting and it's likely format.
- Amber to work with Lori on meeting/technology logistics for this week's user testing and next week's Sprint 1 review/demo. Next week's review will likely be conducted by Adobe Connect.
- Larry to schedule a call with Jason to discuss the directions we're exploring for sprint 1, in terms of the filtering of results, and how the data may or may not be able to support them.
- Catherine to work with Justin to replace the UCR database replica disk and include the 2015 data.

Key Risks

- **Managing expectations:** There are many stakeholders involved in this project and different perspectives on what the CDE should do and why. Aligning around what is both feasible and of highest value to users will be key to achieving the best possible result and

managing expectations going forward.

- **Limited opportunity:** The CDE is limited to *presenting* the data that's available from the FBI. It will not directly affect the volume, quality, or timeliness of the data it displays.

- **Dealing with uncertainty:** There is uncertainty around what data will be available, what it can support, and how it will be updated.

- **Agile, user-centered design, and open data:** 18F works in ways that are new to the FBI and may present organizational and cultural challenges.

- **Providing visibility around decision-making and approval:** How might shared responsibilities among the project core team, the FBI's ATO process and the Office of Public Affairs influence our ability to make decisions in a timely manner?