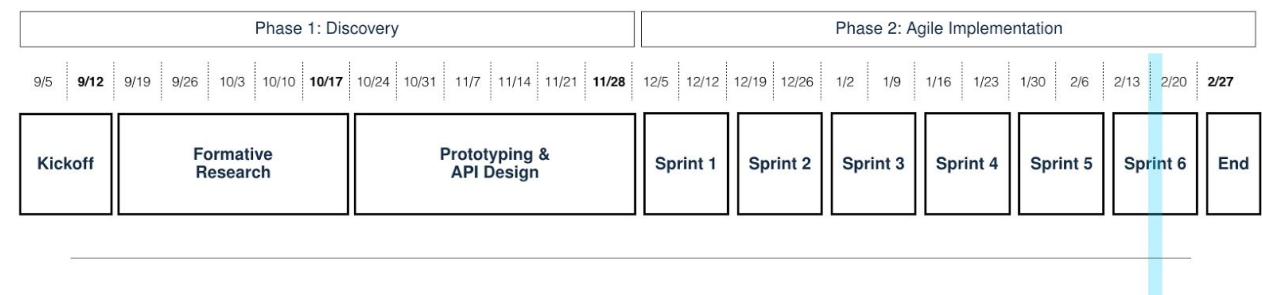**FBI Crime Data Explorer**

Status Report (2/20)

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 establishing parameters and identifying priorities for the minimum viable product (MVP). Part 2 will focus on implementing features based on the resulting product roadmap and ongoing user and stakeholder feedback.

Phase 1: Discovery			Phase 2: Agile Implementation						
Kickoff	Formative Research	Prototyping & API Design	Sprint 1	Sprint 2	Sprint 3	Sprint 4	Sprint 5	Sprint 6	End

9/5 **9/12** 9/19 9/26 10/3 10/10 **10/17** 10/24 10/31 11/7 11/14 11/21 **11/28** 12/5 12/12 12/19 12/26 1/2 1/9 1/16 1/23 1/30 2/6 2/13 2/20 **2/27**

Overall progress will be communicated through these status reports and weekly check-ins with the FBI project core team.

Executive Summary of Activities:

Last week 18F started the last of 6 development sprints. As part of the current scope of work, 18F was asked to design and build a first iteration of the Crime Data Explorer (CDE), or MVP, that makes SRS, NIBRS, and LEOKA data accessible to the American public. While a new agreement is being formulated to extend 18F's involvement in the project, the team will deliver a first iteration of the CDE in March that can be tested with users and evolved.

The MVP will allow users to explore high-level trends and incident data for major offenses at the national and state levels. Additionally, the CDE will provide access to other UCR data, such as hate crime and LEOKA statistics, via downloads and an Application Program Interface (API).

At a high-level, the CDE MVP to be delivered in March will exhibit the following capabilities and characteristics:

- View trends and incident details by location (state and national), crime type, and timeframe.
- View programmatically-generated content & caveats that provides context for interpreting results.
- Download high-level trend and incident data as a CSV.
- Download data for hate crime, human trafficking, cargo theft, police employee data, LEOKA, and UCR participation as a CSV.
- Download bulk NIBRS reports by state and year as a CSV.
- View UCR participation rates & related census/police data.

- An API that allows advanced users to query the entire database and build new services around it.
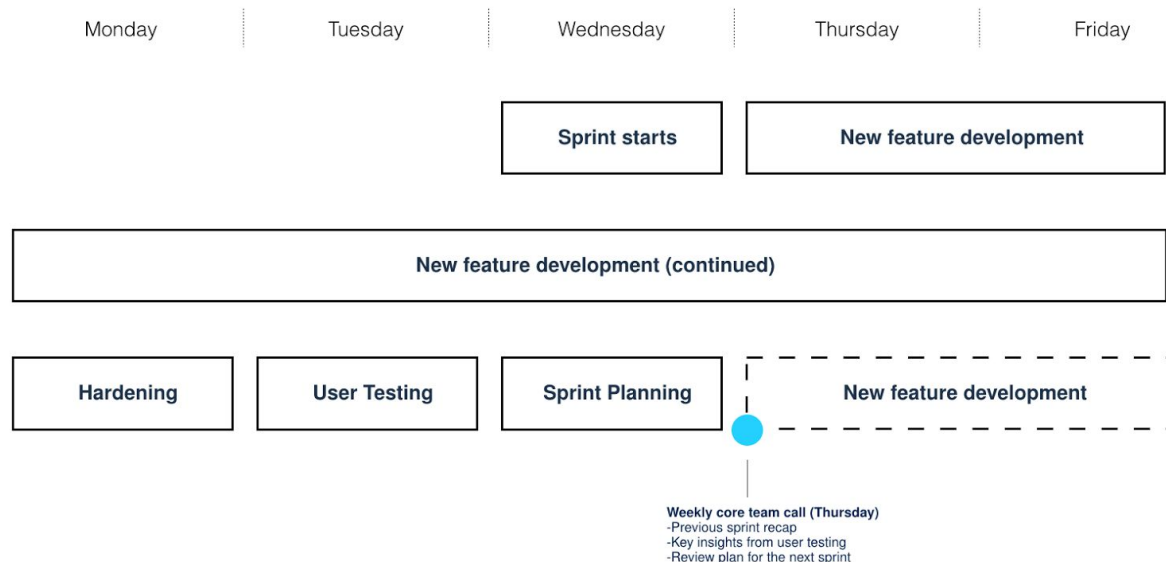
Key objectives for Sprint 6:

In the meanwhile, the team's immediate focus is on wrapping up the current implementation so that pilot testing may begin. The results of this testing will inform future development efforts and validate the current product direction. Key objectives for sprint 6 include:

- Complete remaining integration work so all specific violent and property crimes may be queried at the national and state levels.
- Address critical issues, such as loading errors and instability, that may affect future testing.
- Build a version of the About page that provides context the CDE and explains its goals and limitations.
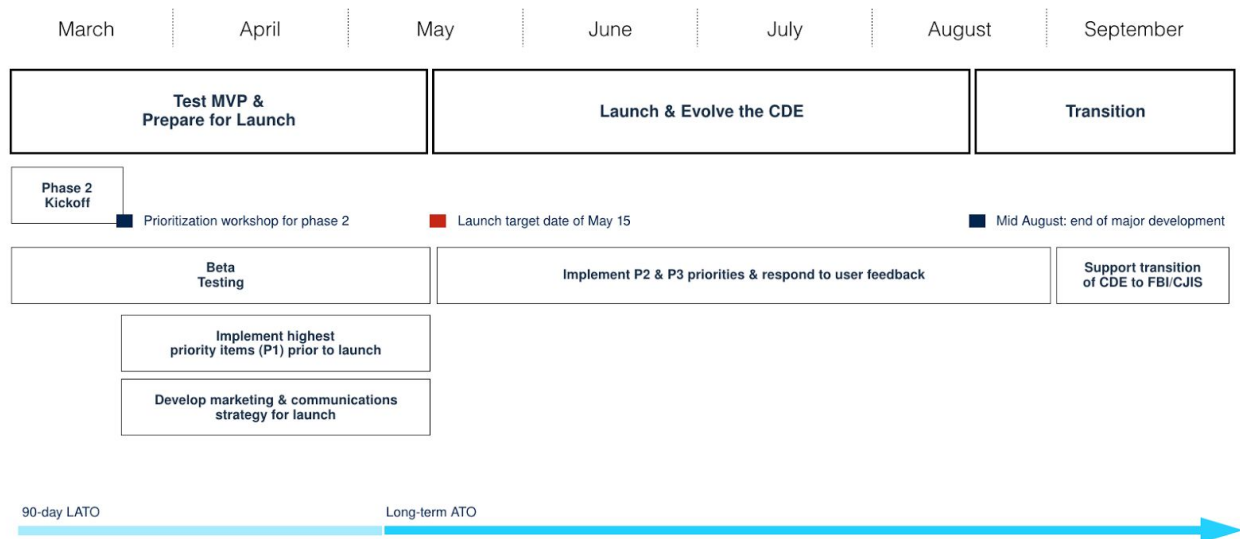- Finalize the reports available for download from the CDE.

For more details on the team's activities please see the "***sprint recap***" that was sent on Feb. 16.

Looking ahead:

The team has moved it's weekly core team call from Monday to Thursday to better accommodate the current design and development process (see below).

Monday	Tuesday	Wednesday	Thursday	Friday

| | Sprint starts | New feature development |

New feature development (continued)

| Hardening | User Testing | Sprint Planning | New feature development |

Weekly core team call (Thursday)
-Previous sprint recap
-Key insights from user testing
-Review plan for the next sprint

And while the current contract/scope of work ends on March 3, the team is planning a workshop during the week of March 6 to plan out the goals and priorities for phase 2. At a high-level, the approach for the next phase of the project is as follows:

March	April	May	June	July	August	September

Test MVP & Prepare for Launch	Launch & Evolve the CDE	Transition

Phase 2 Kickoff

■ Prioritization workshop for phase 2   ■ Launch target date of May 15   ■ Mid August: end of major development

Beta Testing	Implement P2 & P3 priorities & respond to user feedback	Support transition of CDE to FBI/CJIS

Implement highest priority items (P1) prior to launch

Develop marketing & communications strategy for launch

90-day LATO   Long-term ATO

Open Issues:

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

- Larry to work with Sammy and Mike to finalize dates and a high-level agenda for the March workshop. The workshop is tentatively scheduled for March 8-9 at CJIS.
- Mike to clarify the status of pending activities to keep 18F on the project through March 3rd.

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?