

## Mug Shot Application

### Goals:

- Provide a camera with aspect ratio filter that meets the NIST requirements for Type 2 Mug Shots.
- Build an auth layer that allows for appropriate auditing of the booking process and also allows organizations to keep their juvenile and adult booking processes separate.
- Offer an integrated solution that associates the mug shots and bookingID, pushes to the clients RPS booking system and attaches to a booking report.
- Build an intuitive interface and experience that does not compromise the safety of the booking officer.
- Proof of concept for a total booking solution application.

### Background:

Cameras (and camera functionality) have developed and changed substantially over the last few years, as have the NIST requirements for acceptable mug shots. The current solution for many law enforcement agencies is inefficient, inconsistent in quality and does not meet the standards in aspect ratio, proportion, and resolution the vast majority of the time. The inefficiency in the process could potentially compromise the safety of booking officers and has slowed down operations of those facilities greatly.

A mug shot application that provides a guide over the camera image with the NIST standards and directly attaches with a booking ID and report will provide great value for law enforcement agencies and help as they transition to modern devices like tablets and iPads.

### Assumptions:

- Clients will purchase iPads and/or tablets as replacements for their current camera devices.
- Clients will begin their booking process by creating a booking report in RPS in order to populate the bookingID in Mug Shot Application.
- Clients will use their RPS login and permissions to authenticate and be granted access.

### User Types:

- Users with RPS Booking Permissions

#	Title	User Story	Importance	
1	<b>Agency Code</b>	Relativity: We need to make sure that data from Juvenile Jails and Adult Jails within the same organization stay completely separate. An Agency code will be assigned for each Jail system within each Agency.	Must Have	
2	<b>User Login</b>	User: I want to login with my RPS credentials and permissions in order to interact with bookingID's so that my actions can be auditable and no other user can attach their name to my interactions within the application.	Must Have	
3	<b>Booking List</b>	User: When I am going to take a mug shot, I want the name and bookingID of an individual so I can associate the correct Mug Shots with the correct Booking Report.	Must Have	
4	<b>Open Work Flow</b>	User: I am the only Jailer on staff and I want to be able to take a Mug Shot of an individual without an open booking report in RPS if I haven't had the time to create one yet.	Won't Have	
5	<b>NIST Guides</b>	User: I need to take a mug shot that follows the NIST standards in aspect ratio and resolution.	Must Have	
6	<b>SMTs Guides</b>	User: I need to photograph Scars, Marks or Tattoos of an individual and attach them to their booking report.	Won't Have	
7	<b>Retake</b>	User: I need the ability to retake a mug shot before sending them to the RPS booking system.	Must Have	
8	<b>Confirm</b>	User: I want to review that I have attached the correct Mug Shots to the correct bookingID.	Must Have	
9	<b>Push to RPS</b>	User: I want to attach the Mug Shots to the correct booking report in RPS.	Must Have	

## User Interaction

First Time use: User will open application, enter in 4 digit agency code. Enter in Login credentials from RPS.

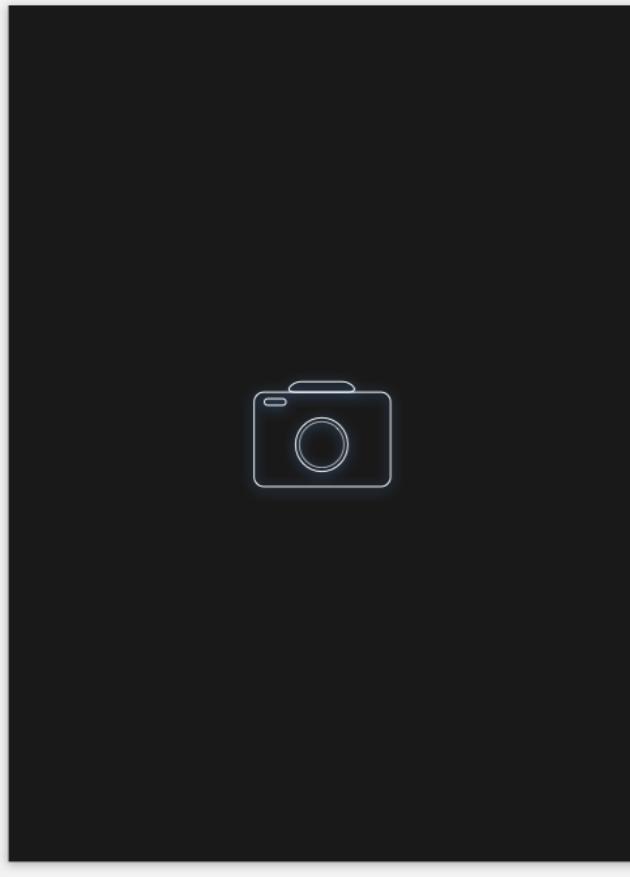
Returning User: User will open application, select previously associated Agency OR enter in 4 digit agency code for new use. Enter in Login Credentials from RPS.

From the booking list, user will select the appropriate individual by name, user will slide to the left to open camera and begin taking Mug Shots. The user will be able to move between mug shot guides and will be able to review and retake each position if need be. User will select the send button and receive a confirmation notification with the individual's Name, BookingID and three thumbnail mug shots. Once confirmed, the user will either choose to continue and return to the booking list, or log out from the application.

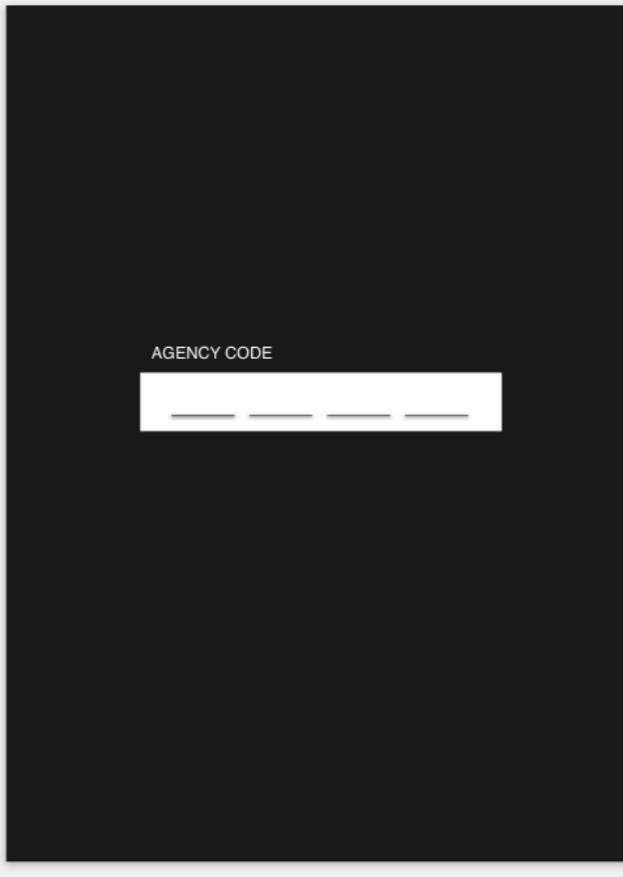
## Release Criteria

- **Functionality:** All Must Have's in the requirements must be met and tested.
- **Usability:** All work flows are simple and intuitive.
- **Reliability & Performance:** Implementation of the Mug Shot application should not negatively impact the mug shot quality or user's workflow within RPS.

Splash Screen



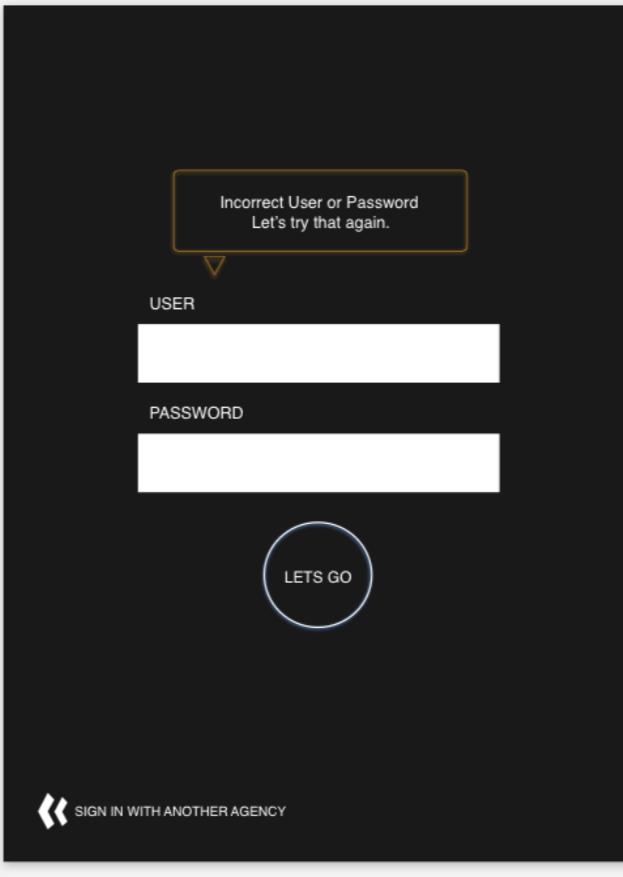
Agency Code



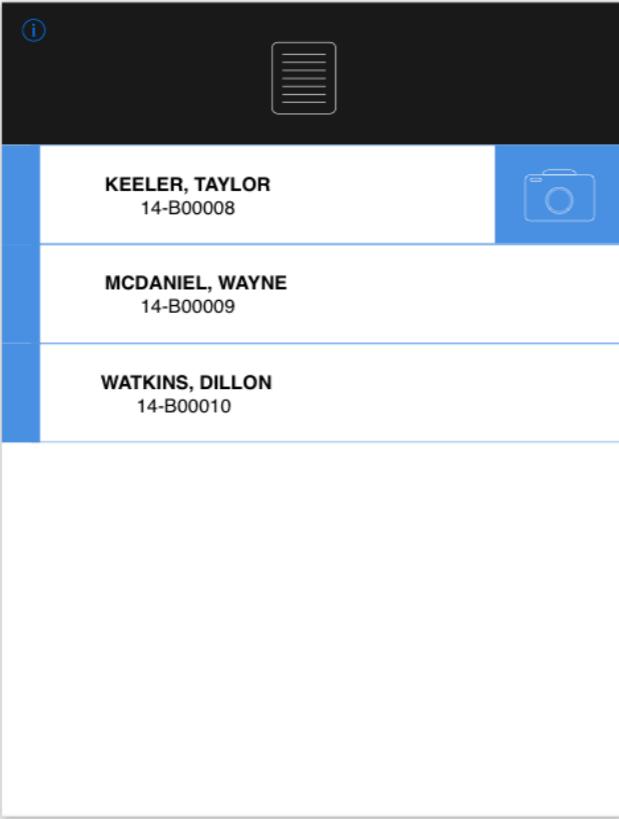
Login



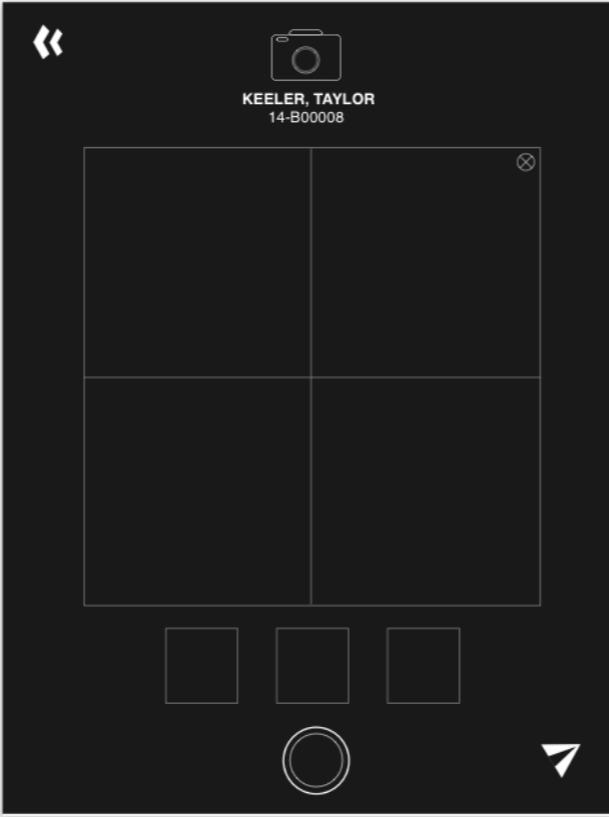
Login - Unsucessful



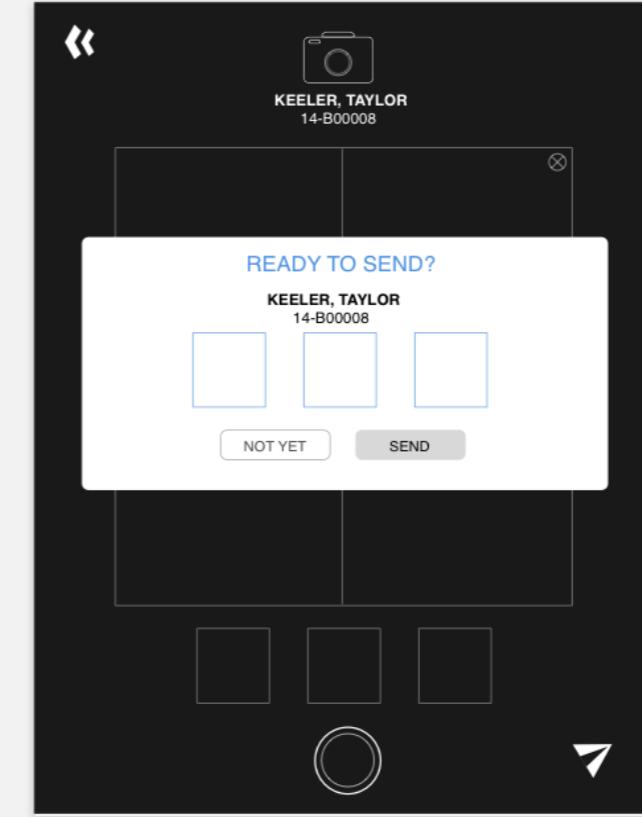
Booking List



Camera



Confirm Send



Send Success

