**Date:** May 15, 2012

The Mobile Reporter Application MRAPP includes three core functions; Capture, Education, and Output. The three cores are described here with details and models on subsequent pages.

## **Capture**

The Capturing of a story is one of the core functions of MRAPP. This includes the model of a Project and the actions a user can take on a project.

## **Educate**

The Education portion of the application includes a series of lessons for user education and a glossary of terms both for browsing and for referencing from other parts of the application.

## **Output**

Output includes both the Sharing and Exporting of projects and media as well as sharing for critique and feedback.

## Legend

Core

Core functions of the application. High level ideas for separating the application.

Model

Major entities in the application. Types of documents or data.

Action

Events created by the user or the application.

Object

Standard and non-major models.

Deleted

Users of the MRAPP work with Projects. A project requires a Story Template and a Medium upon creation.

The Story Template and the Medium are mutable.

Projects also have a Title, Description, Tags, and Location.

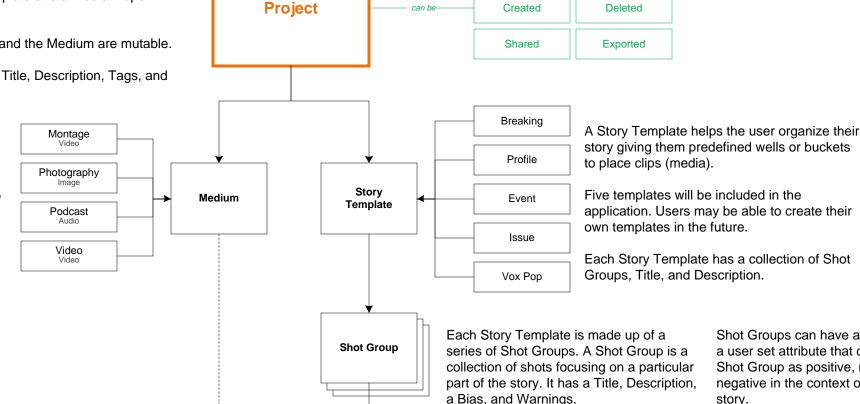
A Medium dictates the type of output and how the user works with different types of captured clips.

Montage Series of images over time with an audio track.

Photography Still images with EXIF caption.

Podcast Audio story.

Video Video story.



Shot

Continue to:

Clip

**Shot Style** 

Each medium dictates a set of predefined shot styles. A Shot Style describes the composition of the clip.

The available shot style options for a given shot are dictated by the Story Template.

Each Shot Style can have example artwork that is defined by the Story Template for that particular shot. The goal is to provide the user with an example of the Shot Style within their current context.

Shot Groups can have a Bias. A Bias is a user set attribute that describes the Shot Group as positive, neutral, or negative in the context of the larger story.

A shot group can be optionally, set by the template, allow the user to add nshots to that group.

A shot group can also have a pre-shoot and post-shoot warning to notify the user of possible security risks.

Each Shot Group can have many Shots. A Shot is a well or spot in the story to place a clip.

For example, a template may start with a

location. The next Shot Group's goal may be to interview someone in that location.

Shot Group called "Establish Location"

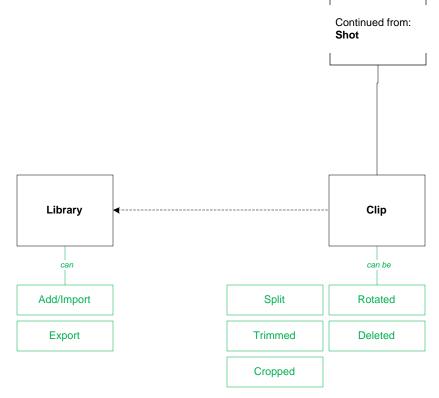
where the goal is to shoot the area/

Each shot also has a Title, a Description, and a Shot Style. A Shot Style is chosen by the user from the Shot Styles allowed for this Shot.

The Library stores all clips in the application. Clips used in projects point to the clips stored in the library where the original clip is stored.

When a clip is captured (through in application recordings or the OS file system) it is implicitly added to the Library.

The Library manages unique and sensible naming of clips including the type of shot it was captured for, time, and date.



A Clip is a recorded piece of media. This can be video, audio, or a still image. Clips can be captured using the in application recording features (camera, audio, and video) or from the device file system.

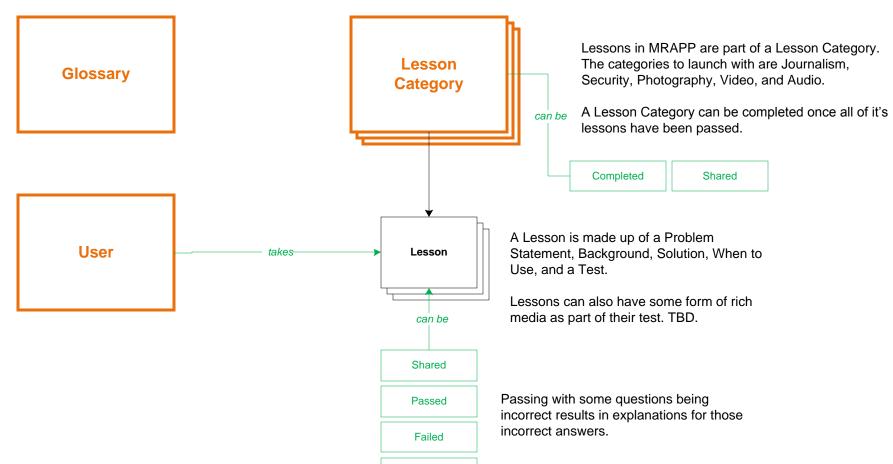
A Clip also has a Caption, Subject, Location, Timestamp, Origin, and Subjects' Contact Info.

The origin of a clip points to the shot it was captured for. If a clip were to be used in multiple projects it's origin would still point to the shot in the project it was originally captured for.

A Clip can have many Subjects (people in the clip) associated with it. Each Subject or Contact is made up of a name, email, and phone number.

The Glossary includes terms from Lessons and the application that a user can browse or the application can reference inline.

The application user is implicit and local to a device. The user can share the completion of a Lesson or Lesson Category through social media and authenticate themselves through that network. (Twitter or Facebook Auth)



Verified

Projects can be shared with the built in networks.

When sharing the user is presented with a security warning reminding her to be aware of the risks.

A user can authenticate with many of each sharing services. The idea being that a user may have more then one account of each she would like to share to.

