

Digital Production Assistant

A web application assistant for video and photo productions

Marc Wittkowski

USECASES

Location Scouting

Pre Production

Administration

TARGET GROUP

Photographers

Producers

Agencies

TECHNOLOGY

Metadata

API (leaflet.js)

Database (psql)



Location Scouting

Take pictures of the preferred locations

```
one XS back dual camera 4.25mm f1.8</exif:Lens>
ude>47.51408N</exif:GPSLatitude>
itude>12.576852E</exif:GPSLongitude>
udeRef>0</exif:GPSAltitudeRef>
ude>22975675453</exif:GPSAltitude>
dRef>K</exif:GPSSpeedRef>
d>0/1</exif:GPSSpeed>
irectionRef>AB</exif:GPSImgDirectionRef>
irection>279341/2107</exif:GPSImgDirection>
earingRef>M</exif:GPSTDestBearingRef>
earing>279341/2107</exif:GPSTDestBearing>
itioningError>5971469/1185</exif:GPSHPositioningError>
```

Extract Metadata

Save the location coordinates to database



Location on map

Store/show the locations on map



Points of Interest

Automatically find important POI

Digital Production Assistant

is a web application designed to assist production companies as well as freelance photographers with their pre-production work. It will gather important informations, based on the location of the upcoming production and generates an overview. For this MMP it's planned to implement only this feature, but it's possible to extend the functions, e.g. to give informations about the upcoming weather, generate call sheets, generate quick and dirty renderings into the location pictures for validating shadow fall or building a location archive for future jobs.