

Synopsis

We wish to create an application where users can post images of various locations on the planet. The user is authenticated using their Google Account. The user can then take pictures using their camera. The images are stored on the phone storage.

On the homepage the user can view interesting places submitted by the community.

The user can submit places to our server, with information about the place, and a number of images.

Other users can search for submitted places, using our search feature. When the user searches for places, the results can be viewed on a map, or in a list. When the user views the results on the map, the user can click markers, to view details about the place.

Technologies
Frontend:
Google Authentication
Backend Authentication (Maybe)
Responsive (Extra)
Home
HTTP REST
Camera
Camera API
Filesystem
Search
HTTP REST
Google Maps API
Master-detail
Contribute
HTTP REST
Location API
Filesystem
Backend Endpoints
HTTP
SQLite w. Anko
Ktor (RESTful clients)