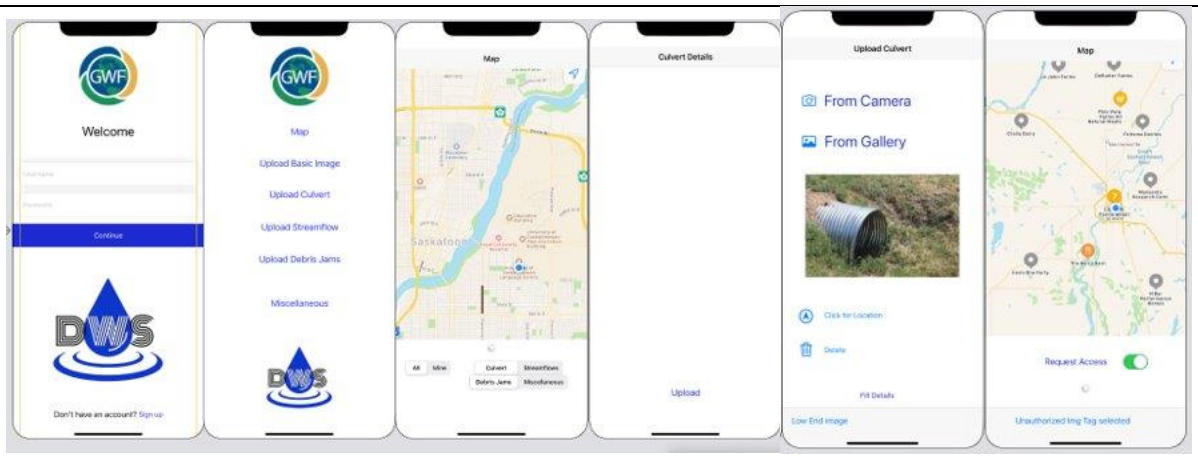
Global Water Futures 2021 Operations Team Meeting – Project Reporting Template

Instructions: All GWF projects are asked to provide a summary update on their activities and accomplishments in preparation for the upcoming Operations Team meeting. **Please submit these by email to chris.debeer@usask.ca by no later than December 2.** These will be used to help guide discussions and breakout synthesis activities and will be made generally accessible on our website in advance of the meeting.

Project Name:	
Our major accomplishments to date are:	
• Developing prototype application tool called distributed water science for sharing sensitive water information within trusted networks • Review of other water apps in Canada to find niche for Distributed Water Science App • Testing integration of blockchain for data sharing • Oriented to integrate app with remote camera networks and scientific observatories	
Our current activities are:	
• Review of water-focused citizen science apps in Canada • Submit 3rd version of Distributed Water Science App to IOS for Beta Testing • Integrate DWS with existing datasets • Testing application with partners in Cumberland House and Redberry Lake • Preparing for spring workshops with partners (COVID dependent) • Feasibility of connecting to remote trail camera networks and scientific observatories • Working with partners in Saskatchewan River Delta and Redberry Lake Biosphere Region	
The main accomplishments expected by the end of the project are:	
• A way to share sensitive data across trusted networks • Test use case for blockchain on the back end of apps for more secure sharing and data sovereignty • An understanding of which water science apps could benefit from secure (Block Chain Enabled) data sharing •	
Here is a key visual from the project (figure, photo, table, graph, etc.)	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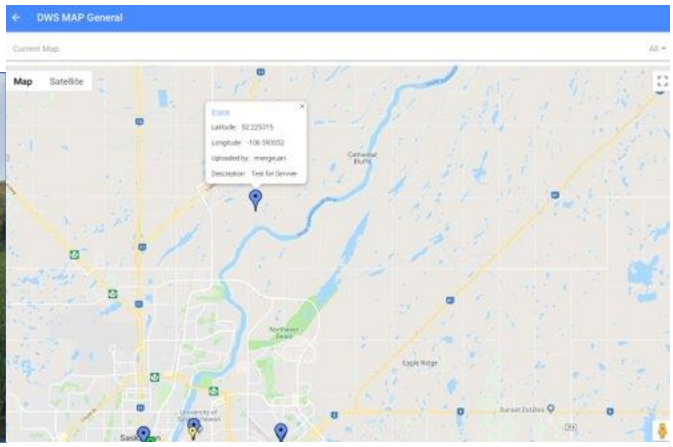
DWS MAP General
Map
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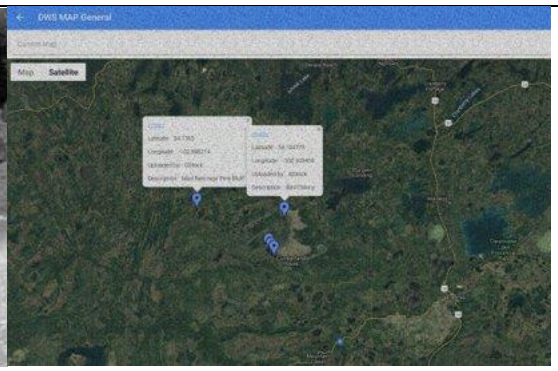
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