

# User Goals Document

Storm Water



## App idea:

The app idea, as outlined in the "GSI App Description" document, is centered around educating users about Green Stormwater Infrastructure (GSI) in Southeast Michigan. It aims to increase awareness and understanding of GSI's role in urban stormwater management, especially in the context of changing weather patterns. The app features educational content and an interactive map to engage various user types. Through this app, users can learn about GSI, contribute data, and potentially influence urban planning decisions regarding stormwater management. The app is designed to increase awareness about the role of green infrastructure in urban stormwater management, especially under the challenges posed by increasingly unpredictable weather patterns. Its features include an educational section providing insights into soil infiltration and different stormwater management infrastructures, and a map showing the locations of green infrastructure in the area. The app's primary goals are to educate users, encourage the identification of new green infrastructure sites, and support urban planning efforts to mitigate flooding.

## User:

The app targets high school students, teachers, and the general public. Each user type has a different role, ranging from learning and.... This range of users supports both educational and research objectives, making the app versatile. Students and teachers use the app for educational purposes and fieldwork, contributing observations of green spaces. The general public can access the app for educational insights and view mapped green infrastructure.

## User-goal Table:

The goals for each user type are aligned with the app's educational and data management features. High school students and teachers are focused on learning and teaching about GSI, while the general public is more about gaining awareness.

## User Goal Table

User Type	Goal
High School Students	Learn about GSI, upload and analyze green space data

High School Teachers	Educate students, facilitate app usage for learning
General Public	Gain knowledge about GSI, view green spaces

Overall, the app idea is well-conceptualized, addressing the needs of diverse user groups while maintaining a clear focus on the educational aspect of Green Stormwater Infrastructure. The inclusion of various user types and their specific goals enhances the app's utility, making it a potentially valuable tool for education and research in urban environmental management.