

# URStreamSight: PROJECT DOCUMENTATION GUIDELINES

**Project Name** URStreamSight

## Storage Location and Organization

Documents will be organized in our GitHub in our [documentation repo](#) in the 'Documentation' folder.

We are striving to make all documentation visible and organized on our github webpage (<https://urstreamsight.github.io/>) to improve user experience when viewing our project.

## Naming Conventions

Project Documentation:

Names for documentation follow those set within the provided templates we are using. We appended the project team name to the file to clarify the document's creator.

## Acronyms & Project Specific Terms

RDM (Recycling Data Manager) - given name for the API that facilitates the collection of image data. Cameras that sample the recycling within the waste collection vehicle forward that data to the API, which filters out low quality images and then uploads the images to our cloud storage service of choice.

ClassTrash - given name for the machine learning model used for identifying non-recyclables present in a pile of recyclables. The model uses computer vision to identify the non-recyclables.

AWS (Amazon Web Services) - we are using many Amazon services provided by PrairieRobotics for development of this project. Services such as S3, EC2, and SageMaker. As such, this term appears frequently when discussing our project development.

## Document Versions

Milestone-based Schedule - versions will be created as we evolve second semester tentative time frames into strict due dates.

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Versions will be appended to the end of a document name when updates are made.

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