

# Trimble Site Viewer



## Introduction

Trimble Site Viewer is a project for Trimble Inc. to investigate and deploy a democratised system to record and document worksites and conduct rapid assessments.

## Aim

- . Leverage images metadata (EXIF or XMP) to precisely place images in 3D environments.
- . Filtering and sorting images based on date data to show site documentation.

## Method

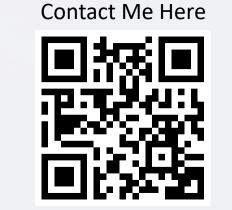
This project utilised sprints for completing iterative development. Tasks would go into a backlog and a sprint would run for two weeks before being accessed. Deliverables would be tested through Test Driven Development.



## Andrew Grant | Semester 1, 2025

Bachelor of Information and Communication Technologies Software Development Pathway

Using the DA2 GPS for an accurate location

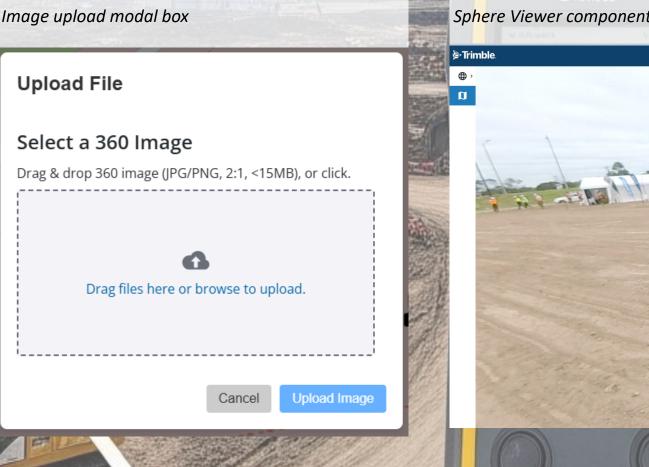


## Outcomes



Figure 8 Capture device setup







# BD Map with perspectives

# Learnings

- Developing in a professional environment.
- . Applying Agile Practices into a real project.
- . Learning about coordinate systems and the translations between systems.
- . Working on a project as a team.
- . Working with deadlines for project check points.

## Conclusion

Trimble Site Viewer will allow for Trimble and Trimble customers to upload 360 degree images to the platform to use as a method of site documenting that is accurate in representation and location.























## **Acknowledgements**

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### References

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