As a developer, I want to research around the effects of lighting on computer vision systems.  
  
As a product owner, I want a POC of a computer vision system trained by syntetic data from a 3d Model.

As a developer, I want to research what computer vision software is the most time efficient and fastest for this specific project.

As a developer, I want to have multiple POC`s so I can have practical tests.

As a developer, I want to research what companies have as solutions so that I can use this information for my project.

As a product owner, I want to have a document of the choices the developer made so that I can have a clear understanding.

As a product owner, I want to have a working prototype so I can see that the research is valid

As a developer, I want to have a POC of a computer vision system that can detect products on specific attributes so I can system test how time and resource efficient this method is.

As a developer, I want to have a POC of a computer vision system that can detect products on bar/text/QR codes so I can system test how time and resource efficient this method is.

As a developer, I want to have a POC of a computer vision system that can detect products on specific attributes so I can system test how time and resource efficient this method is.

As a developer, I need to research and compile a comprehensive list of available technologies and methodologies for product identification and inspection to inform the prototype development process effectively.

As a developer, I will conduct extensive testing of the prototype with various product samples to validate its accuracy and reliability, making necessary adjustments based on the feedback received.

As a developer, I understand the importance of documenting the development process and findings thoroughly, creating detailed documentation to serve as a reference for future iterations or scaling of the project.

As a developer, I will actively seek feedback from potential end-users or stakeholders to ensure that the prototype meets their needs and expectations, making any necessary improvements based on their input.

As a developer, I will prioritize modular development, breaking down the project into manageable components to facilitate efficient progress within the three-week timeframe.

As a developer, I will allocate time to conduct regular code reviews and refactoring sessions to maintain code quality and ensure scalability as the project evolves.

As a quality control supervisor, I expect the prototype to incorporate advanced inspection algorithms capable of detecting defects or irregularities in products, enabling us to maintain high-quality standards throughout the disassembly process.