

# **DotVinci**

## **Team 7**

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## **Problem Statement**

Pointillism is a popular form of art that is both cumbersome and time consuming for artists exploring the field. To help artists who wish to create drafts of their masterpiece or explore this form, we will simplify the process by allowing the user to upload a picture and experiment with various configurations. This will drastically increase the ease and speed of the pointillism process.

## **Objectives**

Our objectives are:

- Provide an advanced, configurable platform through which artists can use to create more complex pointillistic works of art
  - Allow beginning users to pointillize art in a simple, yet powerful, application
  - Allow more advanced users to create more complex pieces of art using various filters, shapes, and sizes
- Provide an outlet for users to share their creations with others
  - Integrate sharing with online services

## **Stakeholders**

The stakeholders of this project will be:

- Users
  - Artists
  - Casual photographers

- Customers
  - Individual Users
- Software developers
  - Our team
- Development Managers (Project Coordinator)
  - Our TA

### **Deliverables**

- Platform: Java
- Allow users to import custom images into the application
- Allow users to pointillize their image
- Allow users to adjust various properties of the pontilized image, such as point radius and shape, region to pointillize, and filter
- Allow users to save their creation on their computer
- Allow users to share their creations with others using an online service