***Catalogue***

[Summary of the Project 2](#_Toc437111106)

[Project Description 2](#_Toc437111107)

[Stakeholders 2](#_Toc437111108)

[Objectives of the Project 2](#_Toc437111109)

[Summary of Methodology 2](#_Toc437111110)

[Software Development Methodology: Task-driven 2](#_Toc437111111)

[Project Team Organization 4](#_Toc437111112)

[Tools 4](#_Toc437111113)

[Project Timeline 5](#_Toc437111114)

[Project Schedule 6](#_Toc437111115)

[Future Planning 7](#_Toc437111116)

# Summary of the Project

## Project Description

Image Processor (IP) is a image processor software developed by Cityu CS3342 Group 16 (Hereafter referred to as CTG16), which aims to challenge traditional Photo Store (PS) which requires payment (we are free of charge) and is difficult to adapt to the company's art production activities of batch processing pictures.

## Stakeholders

Related stakeholders of the software:

|  |  |
| --- | --- |
| Stakeholders | Description |
| User | Art practitioners can use our software very fast to process pictures into the same standard |
| Project Team Members | Developing Image Processor IP software |

## Objectives of the Project

1. easy to use
2. powerful functions
3. process image
4. standard process specification
5. free
6. open source

# Summary of Methodology

## Software Development Methodology: Command-drive

Easy to undo redo

Clear structure

Easy to develop in future

Easy to debug

Easy to assign tasks to each department

Easy to apply design mode

Can have a inside design mode between each function part, have good diversity

## Project Team Organization

|  |  |  |
| --- | --- | --- |
| Name | Title | Job Description |

## Tools

1. Development Tools
2. Development Platform
3. Test Cases
4. Coverage Checking
5. Testing Platform (including operating systems and web browsers)
6. Documentation
7. Project Management
8. Presentation

## Configuration Management

## Project Timeline

We use the combined product-type WBS and process-type WBS. For the macro-level scheduling, we use the product-type WBS, like scheduling different phases. In each phase, we use process-type WBS to declare the processes in each phase.

1. Topic Discussion
   1. Topic Selection
   2. Research
2. User Interface Design
3. Development
4. Testing
   1. Testing Approach Selection
   2. Unit Testing
   3. Integration Testing
   4. System Testing
   5. User Acceptance Testing
5. Documentation
   1. Use Case Diagram
   2. Class Diagram
   3. Sequence Diagram
   4. Bug Report
   5. Final Report

# Project Schedule

TeamGantt for schedule team member, zoom meeting for each weekend discussion, task check and assign.

# Future Planning

Development

Debugging

Publicize our project