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# Preliminary Study

## Introduction

### Project Idea

### Problem Statement

## Plan driven Vs. Agile Development (elaborated through methods)

### Plan Driven

#### Waterfall

##### 1. Main Idea

##### 2. Pros

##### 3. Cons

#### b. Unified Process

##### 1. Main Idea

##### 2. Pros

##### 3. Cons

### 1.2.2. Agile

#### a. SCRUM

##### Main Idea

##### Pros

##### Cons

#### b. Kanban

##### Main Idea

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## 1.3. Quality Assurance

### a. Planning Principles

### b. Development Principles

## 1.4. Quality Criteria and Architecture

# 2. Development Process

## 2.1. Development Method of Choice

### a. Final Choice

### b. Selected Criteria

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## 2.2. Sprints Summary

### 2.2.1. Sprint 0

#### a. Sprint Backlog

### b. Burndown Chart

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### 2.2.5. Sprint 4

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# 3. Epilogue

## 3.1. Conclusion

## 3.2. References