### G2U - a second life for every treasure

Course ID.: CPE-334

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#### **Submitted To-**

Department of Computer Engineering in partial fulfillment of the requirements for the completion of CPE-334 Software Engineering course.

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### **Revision History**

Revision	Date	Author(s)	Description
v0.1	2023-04-21	John Doe, Jane	First release, include trial results
		Doe	
v0.2	2024-11-05	Tom Medhi Pan-	Add EU market evaluation
		nier	

### **Abstract**

We would like to think about it later.

**Keywords**: We would like to think about it later.

## **Acknowledgments**

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## Part I Project Description

### Introduction

- 1.1 Background
- 1.2 Market study
- 1.2.a SEA Market
- 1.2.b EU Market
- 1.3 Scope of work

### 1.4 A dummy section

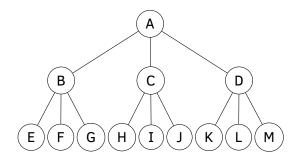


Figure 1.1: The proposed tree structure for the array implementation.

### **Project Management**

TODO: Comparative analysis of each methodology and what they deliver

### 2.1 Incremental funding methodology

Used for high level decisions.

#### 2.2 Agile Method with Kanban Tool

Used for low level decision and workflow orchestration.

# Part II Requirements

### **Requirements Elicitation**

- 3.1 Elicitation Techniques
- 3.2 Stakeholders
- 3.3 Data Flow Diagram
- 3.4 Use Case Diagram
- 3.5 Functional Design
- 3.6 Usability
- 3.7 Other Non-functional requirements
- 3.7.a Mandated constraints

Examples include: Economics

## Chapter 4 Usability Requirements

## Part III Design and Development

### **Systems Design**

- **5.1** Software Architecture
- 5.2 Class Diagram
- **5.3** Components Diagram
- 5.4 Sequence Diagram
- **5.5** Deployment Diagram
- 5.5.a Demonstration model
- 5.5.b Full scale production model

### **Implementation**

- 6.1 Low Code
- **6.2** Prototyping
- 6.3 Coding
- 6.4 Systems Integration

## Part IV Test and Evaluation

### **Evaluation of Outcomes**

- 7.1 Testing Methodologies
- 7.2 Results
- 7.3 Discussion

### Conclusion

- 8.1 Discussion
- 8.2 Future Work
- 8.3 Recommendation

### References