Georgia State University

CSC 4350/6350 SOFTWARE ENGINEERING

Food Saver

Sprint #1

Anvar Suleyman

Zoe Crayton

Christopher Baez

Joe Yonathan

Mitchell Bailey

Richard Duel

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# 1 General Information

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| Section 1   1. Name of the project 2. Semester 3. Group Number 4. Team members 5. Date of Submission |

## Name of Project Food Saver

**Semester** Spring 2024

**Group Number** Group 10

**Team Members** Anvar Suleyman

Zoe Crayton

Christopher Baez

Joe Yonathan

Mitchell Bailey

Richard Duel

**Date of Submission** XX/XX/XXXX

# 2 Teamwork Basics

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| 1. **Teamwork Basics:**    * Summarize the following sections in the Teamwork Basics documents using your own words and must provide examples using personal experience in this class or other classes or internships:      + Ground Rules: Norms 1 to norms 5      + Hints for Handling Difficult Behavior      + Hints for Handling Group Problems   **Note**: TEAMWORK BASICS document can be found in icollege. |

# 3 Brief Resumes

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| **EXAMPLE:**  Team Member: Zoe Nichole Crayton    Computer Science Education:  - Bachelor of Science in Computer Science, Georgia State University, 2024    Computing Skills Inventory:  - Languages: Java, C++  - Tools: Experience with SQL, Excel, Tableau  - Web Development: HTML    Work Experience:  - Server, The Capital Grille: Developed strong interpersonal and communication skills while serving customers in a fast-paced environment. Handled multiple tasks efficiently, showcasing time management abilities.    Additional Skills:  - Adaptability: Thrived in a dynamic service industry, demonstrating the ability to adapt to changing circumstances.  - Team Collaboration: Worked closely with restaurant staff to ensure smooth operations and excellent customer service.    Projects:  - Collaborated on a team project during university, developing a web application using Java. Implemented features and conducted testing.    Certifications:  - Completed online courses in Google Data Analytics |

# 4 Scheduling and Planning Tables

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| --- | --- | --- | --- | --- | --- | --- |
| Assignee Name | Email | Task | Duration (Hours) | Dependency | Due Date | Evaluation |
| Anvar Suleyman |  |  |  |  |  |  |
| Zoe Crayton |  |  |  |  |  |  |
| Christopher Baez |  |  |  |  |  |  |
| Joe Yonathan |  |  |  |  |  |  |
| Mitchell Bailey |  |  |  |  |  |  |
| Richard Duel | Rickduel@gmail.com |  |  |  |  |  |

# 5 Problem Statement

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| 1. **Problem Statement:** (Overall Project Description, ***user requirements***)  * First, read Ch4 * What is your product, on a high level? * Whom is it for? * What problem does it solve? * What alternatives are available? * Why is this project compelling and worth developing? * Describe the top-level objectives, differentiators, target customers, and scope * of your product. * What are the competitors and what is novel in your approach? * Make it clear that the system can be built, making good use of the available resources and technology. * What is interesting about this project from a technical point of view? * Do you have a client login and a admin login?   **What is your product, on a high level?**  Application for connecting sellers of food that is about to expire with people who want to save money on food.  **Whom is it for?**  Seller: Local restaurants, butchers, convenience stores, anyone looking to notwaste food  Buyer: Students, homeless people, people looking to save money  **What problem does it solve?**  Food waste, food insecurity, starvation  **What alternatives are available?**  Facebook marketplace, craigslist, donating to food banks, throwing food away  **Why is this project compelling and worth developing?**  Win-Win for business and buyers, no food wasted and buyers get cheap food.  **Describe the top-level objectives, differentiators, target customers, and scope of your product.**  Differentiation : Specifically created to connect buyers and sellers of nearly expired food  Extended outreach  Target customer: 1) Sellers of nearly expired food.  Scope : Mobile application with login capability, storage of product data, ability to upload product, expiration date and quantities.  **What are the competitors and what is novel in your approach?**  Too good to go  Imperfect foods  oilo  **Make it clear that the system can be built, making good use of the available resources and technology.**  **What is interesting about this project from a technical point of view?**  Technology that addresses social issue of food waste  Uses persistent database and client/seller interface  **Do you have a client login and a admin login?**  Admin login : yes  Client (seller) : yes  Buyers : Optional: |

# 6 System Requirements

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| 4.  System Requirements (Context Diagram and activity diagram)  * Describe at a very **high level the system's architecture**, identifying the components/modules thatwill interact.   + Use context model   + See Ch5: Section 5.1 and Figures 5.1 The report should be in the following order * Describe at a very **high level the system's architecture**, identifying the components/modules thatwill interact.   + Use context model   + See Ch5: Section 5.1 and Figures 5.1 The report should be in the following order * Describe at a very **high level the system's architecture**, identifying the flow of components/modules how they interact.   + Use activity model   + See Ch5: Section 5.1 and Figures 5.1 |