**Sprint 1 Intermediate Product Report**

**Team Name: AI-Driven Budgeting Suite: Intelligent Forecasting and Dynamic Budget Management**

**Team Members:**

* **Ryan Ellis**
* **Varshini Muniswaran**
* **Ansh Hemang Dani**
* **Rounak Sharma**
* **Maaz Naqvi**

**Sponsor: Jay Manwani**

**Date: 9/26/2025**

## **1. Overview**

Provide a brief overview of the Sprint goal and the work completed. This is the goal defined during the Planning phase.

* **Sprint Goal**: The primary goal of sprint 1 was to begin accessing the code provided to us by our sponsor, ensuring we can all at the minimum view current and old versions. We also heavily leaned into the research side of the project splitting tasks to ensure when coding does begin around sprint 3 onwards we will be able to have most common questions already answered.
* **Work Completed**: [Summarize the work completed during the sprint]

## **2. Achievements**

* List the user stories (not the tasks) developed during the sprint. Update the status for each of the user stories (including their tasks) in the Taiga (or equivalent) board.
* **User Stories**:
  + Seasonal Forecasting
  + Monthly Expense Forecasting
  + Scenario-based forecasting

**3. Risk Management**

**Risk Identification and Assessment**

Identify potential risks in various categories and assess the likelihood and impact of each risk.

### **Foreseen Risks and Challenges**

[Describe accuracy on the foreseen risks and challenges considering: technical risks, external risks, organizational risks, project management risks, team risks, if applicable]

One risk that was known of and discussed by the team prior to the beginning of the sprint was the accessibility of code. We were required to all have NDA’s signed and approved and just recently got access to the official code. This was slightly slower than we had hoped, but still has us on great track given sprint 0 very lightly relied on code readiness.

### **Report Unexpected Risks and Challenges**

[Describe unexpected risks and challenges considering: technical risks, external risks, organizational risks, project management risks, team risks, if applicable]

## **Update Ongoing Risk Management**

Update the risk management section front the sprint planning at this stage by explaining how risk assessment and management will be addressed in this sprint to ensure emerging risks are managed proactively and continuously.

## **Incorporate Risk Management**

Describe risk management into your Sprint Backlog to ensure proactive risk management and maintain project stability.

## **4. Contribution Metrics**

Include the following metrics:.

* **Overall Team Velocity**: [Velocity]
* **Velocity by Each Team Member**:
  + Student 1
  + Student 2
  + Student N
* **Chart of Historical Velocity**:
  + Team Average: [Average Velocity]
  + Individual Team Members: [Chart not applicable to sprint 1]
* **Accuracy of Estimated Effort**: [Description of accuracy]

## **5. Evidence**

* Taiga Board: <https://tree.taiga.io/project/vshini-6-ai-budgeting-forecasting-system/epics>
* GitHub Repository: <https://github.com/Ryan-Ellis1341/CSE485Capstone/>
* Contributor's Graph: Image
* Explanation of Outliers:
  + If one or more team members have a low velocity, please explain the circumstances and how this will be remedied in the future: [Explanation]

## **6. Feedback Summary**

Summarize any feedback received from Customer/Product Owner and how it was addressed.

* **Feedback Summary**: [Summary of feedback]
* **Addressed Feedback**: [How feedback was addressed]

## **7. Updates**

Adjustments, new or withdrawn EPICs/user stories, and changes in priority.

* **Adjustments**:
  + [List adjustments]
* **New or Withdrawn EPICs/User Stories**:
  + [List new or withdrawn EPICs/user stories]
* **Changes in Priority**:
  + [List changes in priority]

## **8. Signature from the Product Owner/Client**

* Direct comment in the document or a complementary email stating that they meet with the team, reviewed the progress of the sprint, and their feedback.
* Signature/email.