

EASTERN VISAYAS STATE UNIVERSITY



ORMOC CAMPUS

INFORMATION TECHNOLOGY DEPARTMENT

Bachelor of Science in Information Technology

TITLE PROPOSAL

JABIS: Your Personalized Voice Assistant for Academic and Task Organization

IT 373A Event Driven Programming

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Semester 1 st SY: 2024-2024

Date

10/14/2024

NAME: IQUEN L MARBA

YEAR & SECTION: BSIT-3C

INSTRUCTOR: POL MIRO

DATE: 10/14/24

I. Introduction

In today's busy world, students often find it hard to manage their time and tasks. At Eastern Visayas State University, many students struggle to keep track of assignments, deadlines, and personal commitments. To help with this, we're creating JABIS Assistant, a tool to keep students organized and save time. JABIS Assistant will have features like a voice-controlled to-do list, a basic calculator, an alarm system, and the ability to learn and respond to user preferences. With these tools, students can easily manage their tasks, stay focused on their studies, and make the most of their time at university. The goal is to provide a simple and helpful tool that supports both academic and personal success.

II. Project Objectives

The primary objectives of the Assistant JABIS project are:

- **Develop an Assistant:** Create a user-friendly assistant that helps students manage their tasks efficiently.
- **To-Do List Management:** Implement a speech-enabled to-do list feature that allows users to add, update, and delete tasks. When the laptop starts and the system opens, the assistant will automatically announce the tasks for the day in order based on the entered dates and deadlines.
- **Basic Calculator** The assistant will open a simple calculator on command, allowing users to manually input numbers for basic operations (addition, subtraction, multiplication, division) for greater accuracy and control.
- **Open New Tab:** Allow users to open a new browser tab via voice commands.
- **Alarm System:** Include an alarm feature that users can set, with options to add, update, and delete alarms from the database.
- **User Interaction:** Ensure that the assistant provides feedback and communicates effectively with users, enhancing the overall user experience.