

# Software Requirements Specification (SRS)

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## Project Title:

My Budget “ميزانيتي”

## Prepared by:

- Kauthar Alhashmi
- Asala Alsalhi
- Bashayeir Alrhabi
- Halima Alhatmi
- Omar Albalushi
- Dhiyaa Alnadabi
- Anwaar Alzadjali
- Khawla Alharthi
- Iman Alzadjali
- Safiya Al Musharraf

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## 1. Introduction

### 1.1 Purpose

The purpose of this document is to specify the requirements for a system that calculates the user's yearly income and determines whether the user is subject to income tax based on a predefined threshold (42,000). This system aims to assist users in understanding their tax liability status.

### 1.2 Scope

The system will:

- Accept income input from the user (monthly or yearly).
- Calculate the total yearly income.
- Compare the income against the tax threshold (42,000).
- Display whether the user is required to pay tax.

This is a standalone tool that can be integrated into financial or payroll systems.

### 1.3 Definitions

- Tax Threshold: The fixed amount (42,000) above which income is taxable.
- Yearly Income: Total income received by the user in a year.
- User: The individual who inputs their income to determine tax liability.

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## 2. Overall Description

### 2.1 Product Perspective

The system will be a simple application, either web-based or desktop-based, with a form-based user interface for entering income details.

### 2.2 User Classes and Characteristics

- General Users: Individuals who want to check if their income makes them subject to tax.
- Admin (optional): Can configure the tax threshold and manage the app settings (if implemented).

### 2.3 Operating Environment

- Web-based or Desktop application
- Compatible with modern browsers ( web)
- Built using standard technologies (Angular Framework for frontend, Asp.Net for backend)

### 2.4 Design and Implementation Constraints

- The tax threshold should initially be hardcoded as 42,000 but optionally configurable.
- The system must be simple, fast, and user-friendly.

### 2.5 Assumptions and Dependencies

- Income is entered correctly by the user.
- No need for database storage unless extended.

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## 3. Specific Requirements

### 3.1 Functional Requirements

- FR1: The system shall allow users to input their income.
- FR2: The system shall support monthly or yearly income input.
- FR3: The system shall convert monthly income into yearly income by multiplying by 12.
- FR4: The system shall compare the yearly income with the threshold (42,000).
- FR5: The system shall display one of two results:
  - "You are subject to income tax."
  - "You are not subject to income tax."

### 3.2 Non-Functional Requirements

- NFR1: The system shall load and compute results within 1 second.
- NFR2: The system shall be responsive and accessible on all screen sizes (web).
- NFR3: The system shall provide clear error messages for invalid input.

### 3.3 Interface Requirements

- Input Form:
  - Field for monthly income
  - OR field for yearly income
  - Submit button
- Output Area:
  - Displays income
  - Displays tax eligibility message

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## **4. External Interface Requirements**

### **4.1 User Interfaces**

- Clean and intuitive form-based interface.
- Optional: Theme customization or accessibility mode.

### **4.2 Hardware Interfaces**

- No special hardware required.

### **4.3 Software Interfaces**

- Optional: API to connect with accounting or payroll systems.

### **4.4 Communication Interfaces**

- Not applicable unless connected to external systems or APIs.
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## **5. Future Considerations**

- Adding support for deductions and tax rate calculation.
- Configurable tax thresholds.
- Export report as PDF.
- User accounts and income history tracking.