

## **“Better System, Better Governance: Taxency Application”**

### **Context**

As citizens of the Philippines, one's responsibility is to obey laws, vote, and to pay taxes. Tax is a mandatory payment that is collected by local, state, and national governments from individuals or businesses. The taxes collected are used to cover the costs of general government services and activities.

### **Problem**

The Philippines faces various contemporary issues, such as poverty, government system, health system, daily wage and among others. The Philippine tax system is poor and complicated. Taxpayers face difficulty paying tax due to excessive paperwork and process, outdated systems, and inefficient process of tax collection. For that reason, tax evasion became an issue and widespread which results to losses of government revenue, compromise public services and infrastructure development. The mismanagement of tax leads to divert the funds for development and improvement of our country.

### **Relationship with SDG**

The Sustainable Development Goal 16, Peace, Justice, and Strong Institutions includes target 16.A: Ensure Public Access to Information and Protect Fundamental Freedoms. Having transparent institutions allows the public to access information on decisions, activities, and records of the government.

### **Current Solutions**

Physical project billboards including information such as the project name, location, contractor name, date started, contract completion date, contract cost, implementing office, source of fund and more, are being placed. There is also the existence of official websites that include declaring and publicizing general activities of the government.

### **Proposal**

Create an app that contains tax projects and activities of the government. It will promote further transparency when in compliance with where taxes are allocated. In regards of the information about the projects and funds, we will use dummy datas to test the application.

## Data Structure

The Hash table is the main data structure that we will use in our application. This is to manage and organize the data specifically this is where we will store the date, projects, and allotted funds.

## Sample Prototype



## References

- [1]“What Is a Tax?,” *Tax Foundation*, Mar. 01, 2023. <https://taxfoundation.org/taxedu/glossary/tax/>
- [2]United Nations, “Goal 16 | Department of Economic and Social Affairs,” *sdgs.un.org*, 2015. <https://sdgs.un.org/goals/goal16>
- [3]United Nations, “Goal 16: Peace, justice and strong institutions,” 2022. <https://www.globalgoals.org/goals/16-peace-justice-and-strong-institutions/>
- [4]M. Ann, “Taxes no more,” Philstar.com, Apr. 25, 2025. <https://www.philstar.com/business/2025/04/26/2438337/taxes-no-more> (accessed May 02, 2025).

## AI Assistance

<https://www.perplexity.ai>

**Prompt:** “Can you summarize and briefly give me keypoints from this article”

The screenshot shows the Perplexity AI mobile application interface. At the top, there is a navigation bar with a menu icon, a '+ New' button, a three-dot menu, a refresh icon, and a 'Open in App' button. Below the navigation bar, the URL <https://taxcalculatorphilippines.net/tax-problems-in-the-philippines/> is displayed. Underneath the URL, the user's query is shown: "can you summarize and briefly give me keypoints from this". Below the query, there are several source cards: "ASEA... A Guide to...", "Philst... Taxes no...", "cadan... 2025 Tax...", and "+15 sources". A section titled "Key Points and Summary: Tax Problems in the Philippines (2025)" follows, with a sub-section "1. Complex Tax Code" containing two bullet points. At the bottom of the screen, there is a search bar with the placeholder "Ask anything...", a lock icon, the website address "perplexity.ai", and a refresh/circular arrow icon.