# Frontend Developer Test

## Objective

**Project:**
Tax Estimation Calculator

**Description:**
Create a Single Page App allowing a user to calculate a simple tax amount estimation from a given income.

As a user,
- I can enter:
    - A **Superannuation** percentage (>= 9.5%),
    - An income (> $0) as:
        - A **Gross** amount or,
        - A **Gross + Superannuation** amount
- I should see the calculated amount of:
    - The **Superannuation** amount,
    - The **Gross** amount if **Gross + Superannuation** has been entered,
    - The **Gross + Superannuation** amount if **Gross** has been entered,
    - The **Tax** amount (simple estimation excluding medicare levy or any extra),
    - The **Net** amount (net income received by the user after tax),
    - The **Net + Superannuation** amount,

Here is an example of the **Resident tax rates 2016–17**:

| Taxable income | Tax on this income |
| --- | --- |
| 0 – $18,200 | Nil |
| $18,201 – $37,000 | 19c for each $1 over $18,200 |
| $37,001 – $87,000 | $3,572 plus 32.5c for each $1 over $37,000 |
| $87,001 – $180,000 | $19,822 plus 37c for each $1 over $87,000 |
| $180,001 and over | $54,232 plus 45c for each $1 over $180,000 |

**Technology restrictions:**
- Angular (latest stable version)
- Angular Material2 (latest version)

- Angular Flex Layout (latest version)
- Ngrx (latest version)

**Note:** Other libraries can also be added if there is a good reason for it.