

# Project Report 2.0

**Group no : 19**

**Incomon - Income tax calculator web portal**

**Under the guidance of**

**Mrs. Tanuja R. Pattanshetti**

**Team:**

Abhijeet P. Chavan - 141803001

Gaurav M. Mandake - 111703071

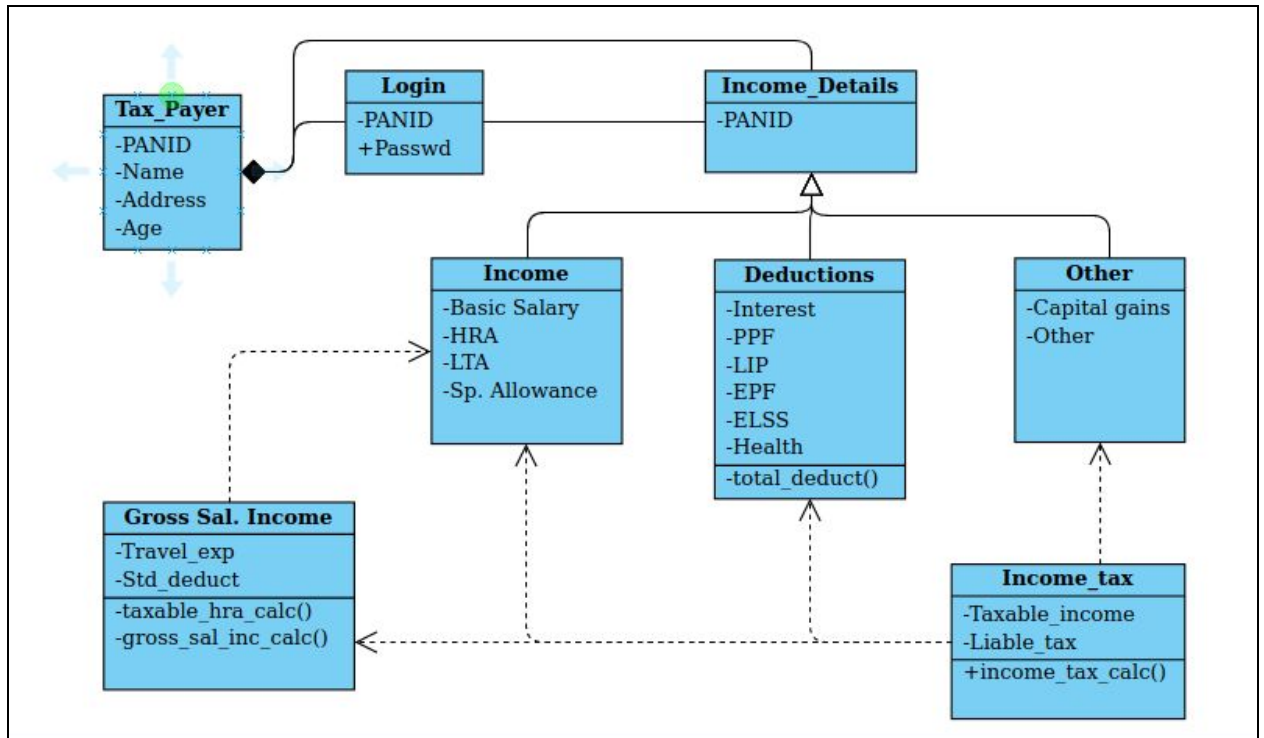
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## Diagrams:

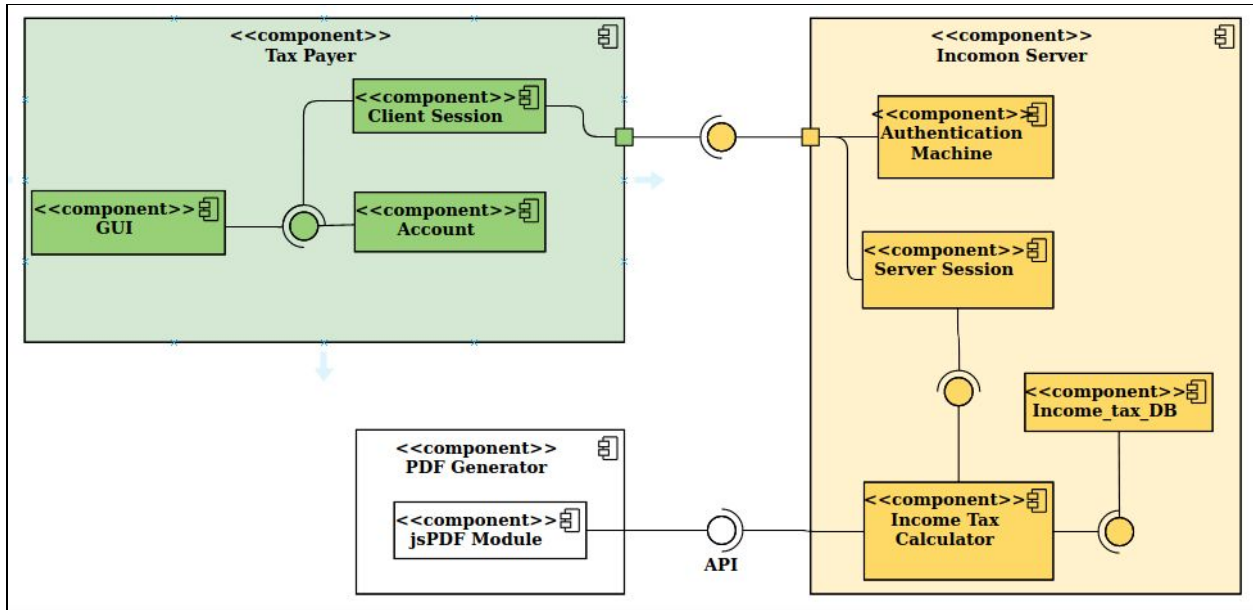
### A. UML Diagrams:

#### 1. Class Diagram:

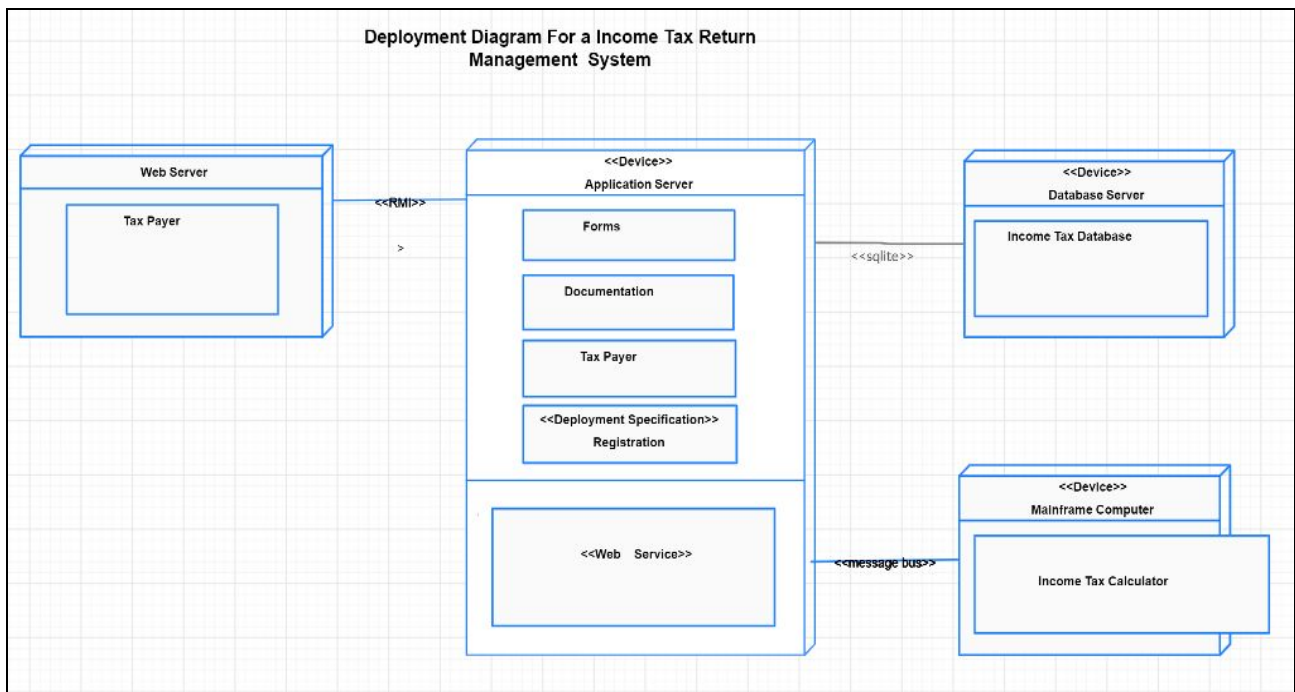


## Report 2.0

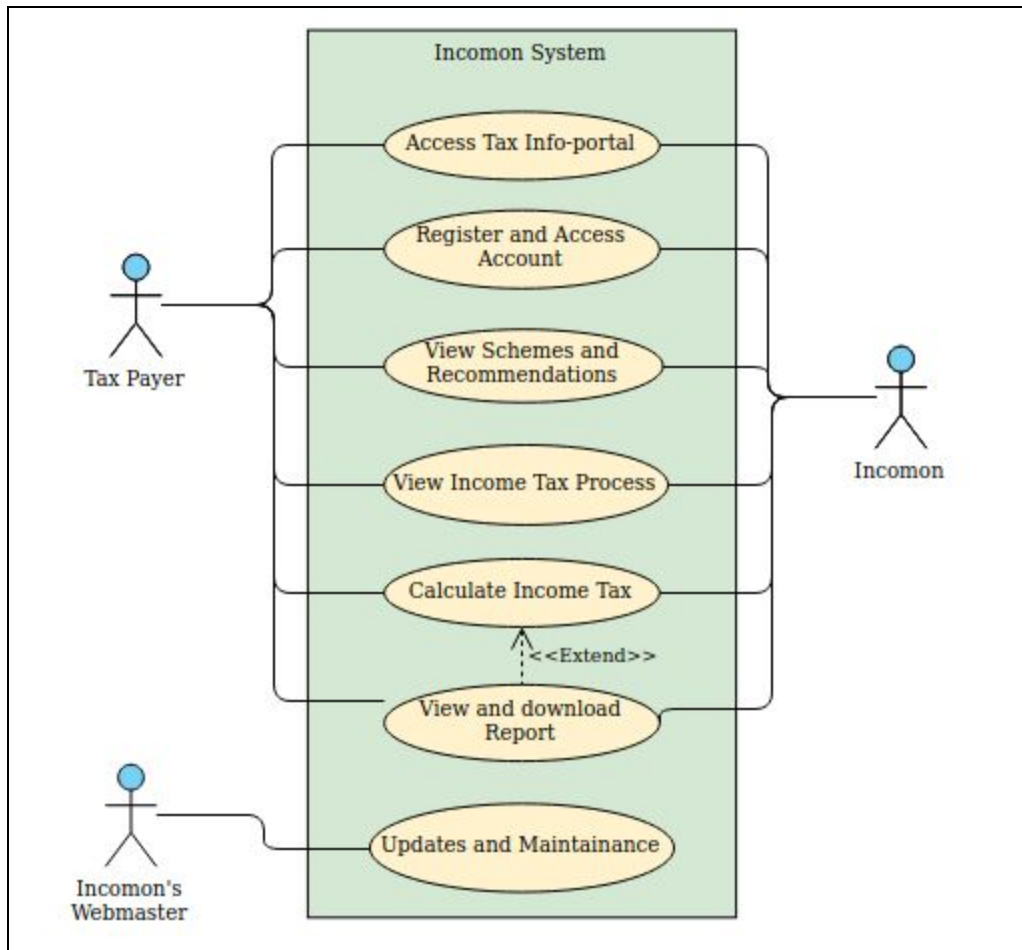
### 2. Component Diagram:



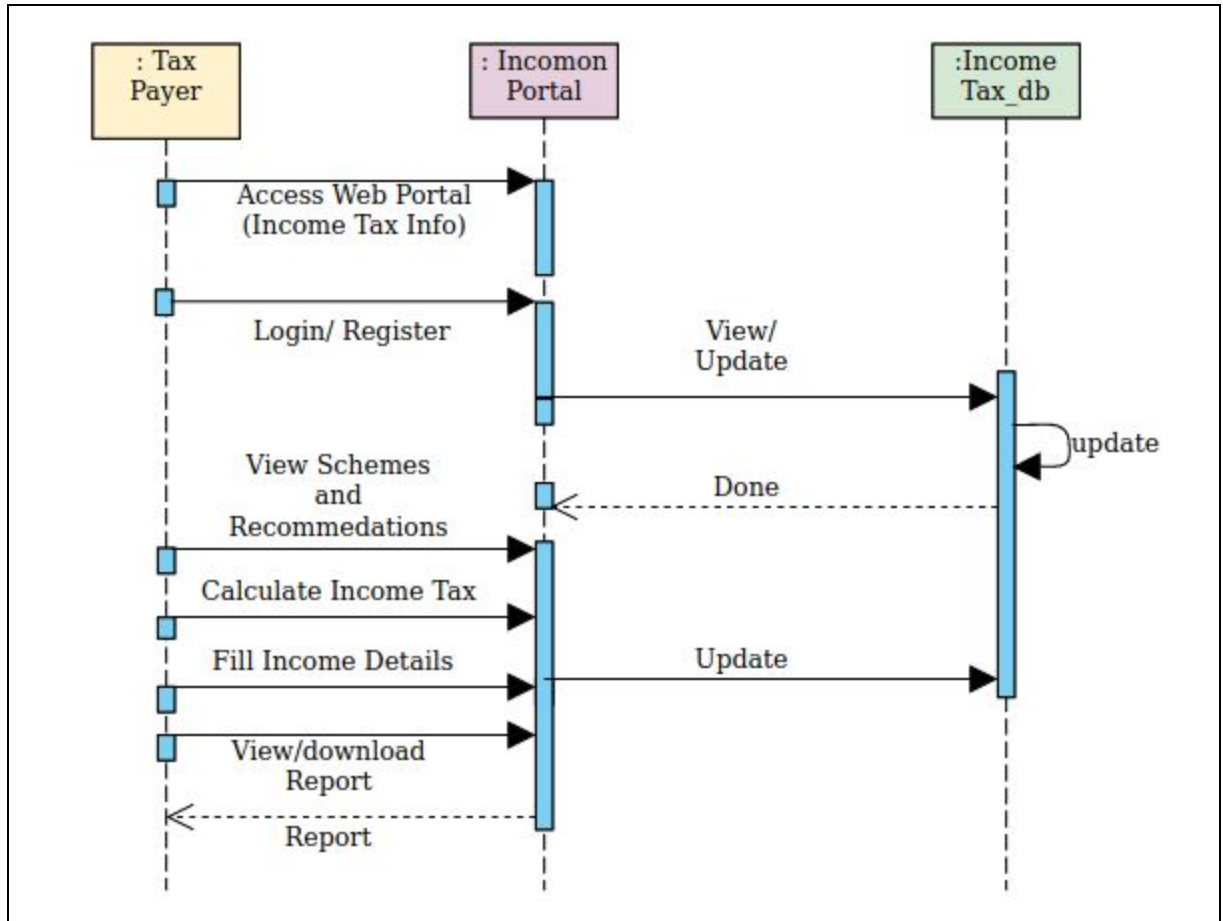
### 3. Deployment Diagram:



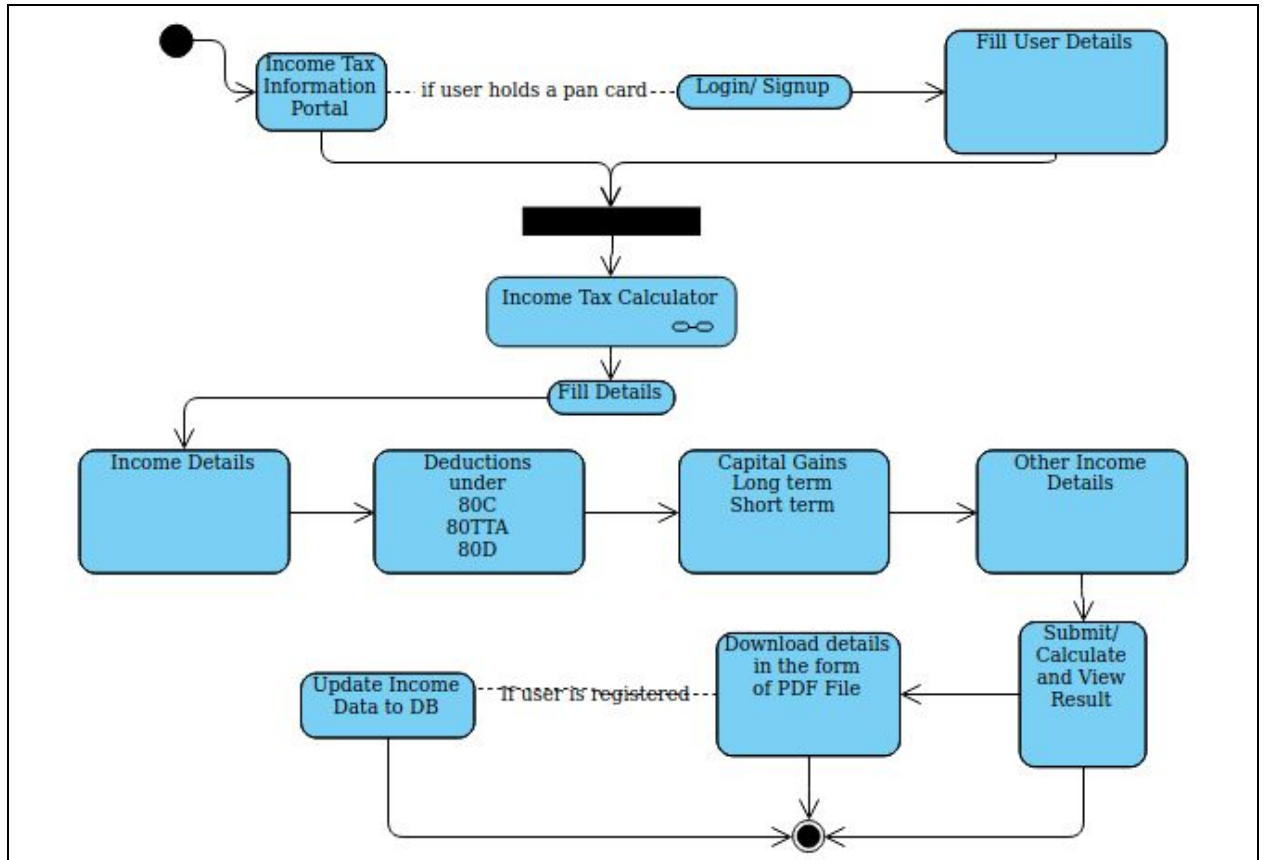
4. Use Case Diagram:



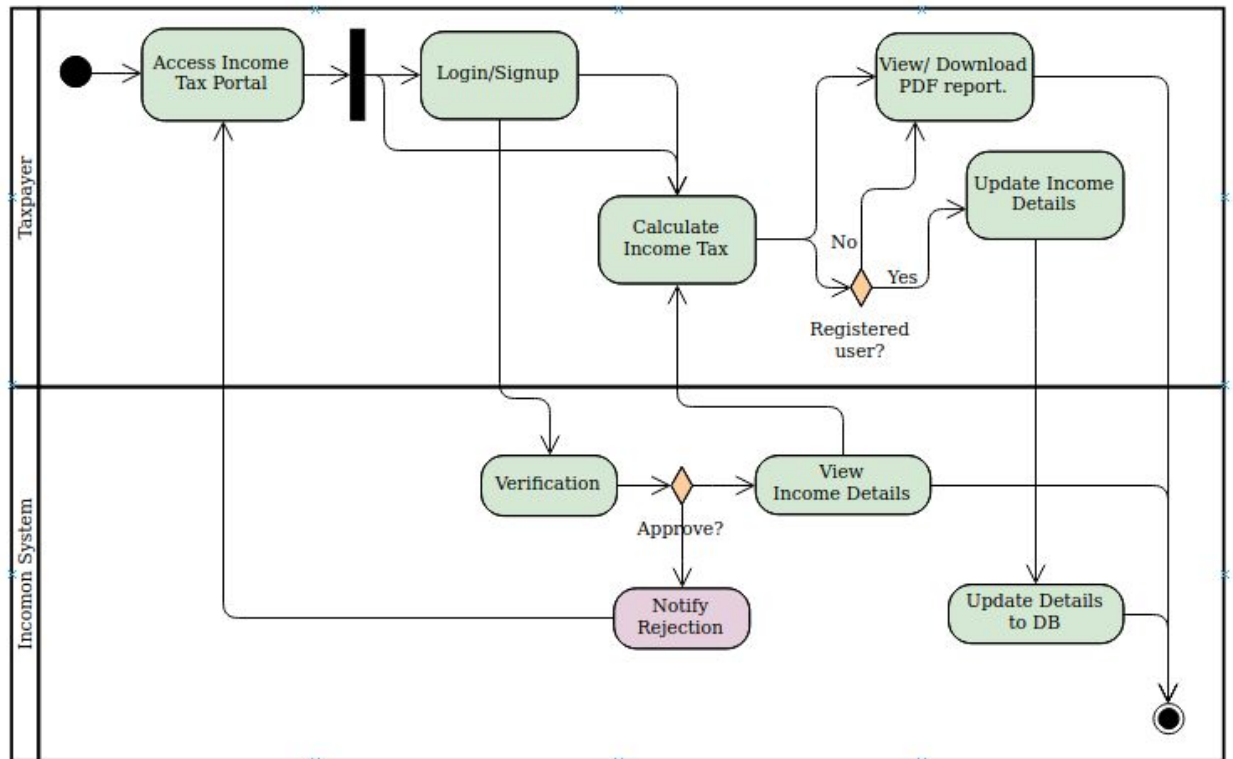
5. Sequence Diagram:



6. Statechart Diagram:



7. Activity Diagram:

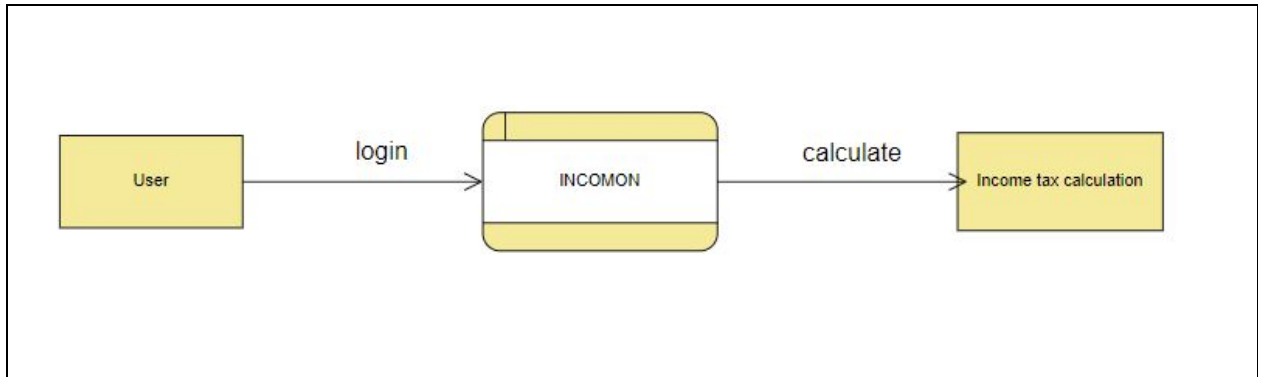




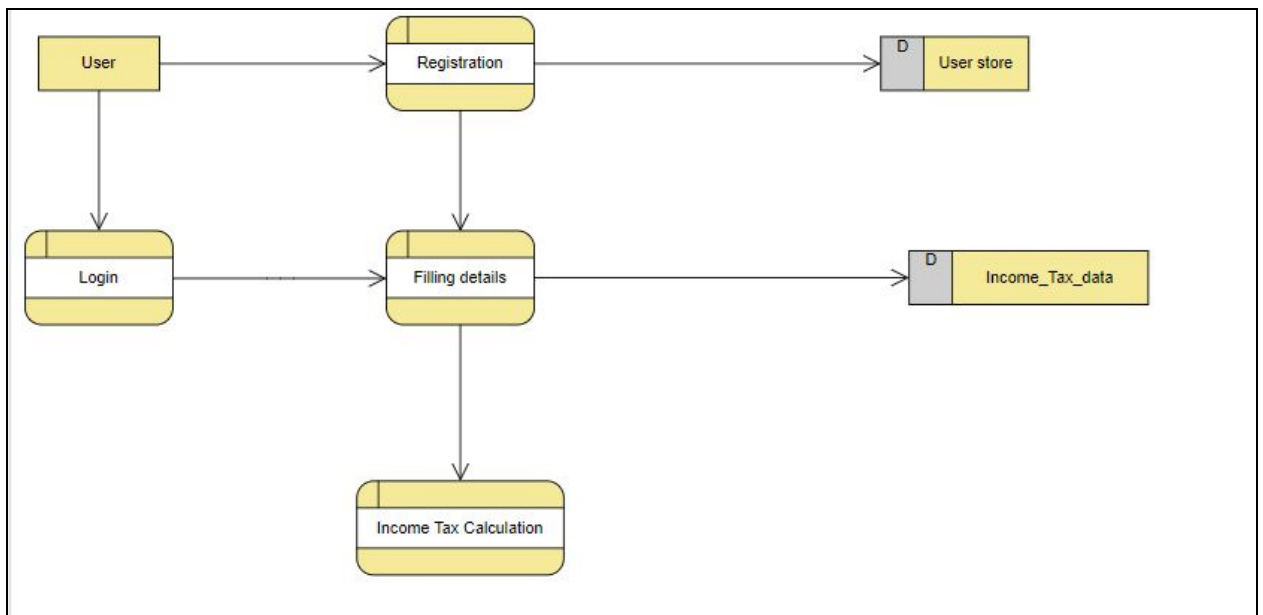
## Report 2.0

DFD:

1. 0-level DFD:

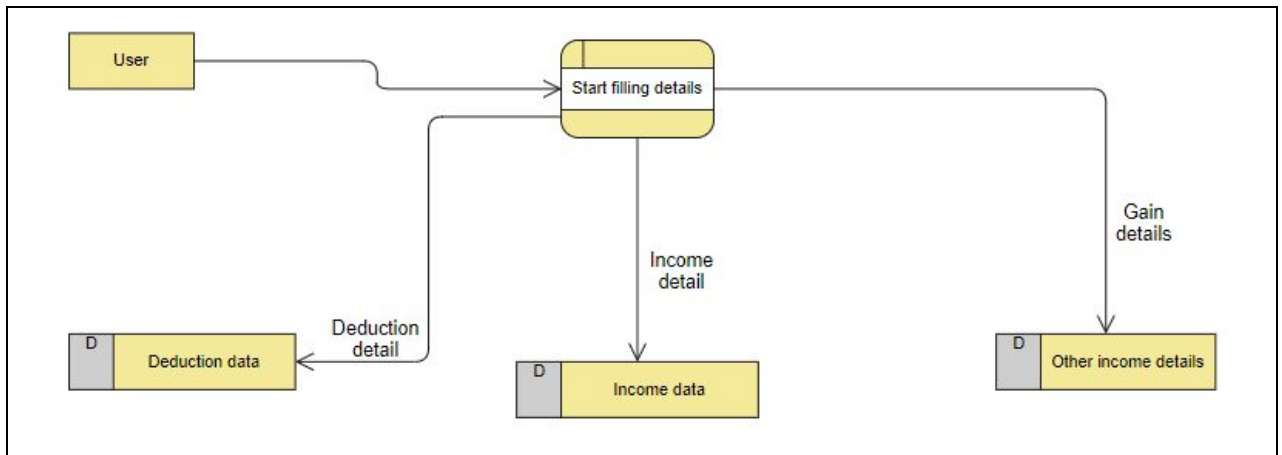


2. 1-level DFD:

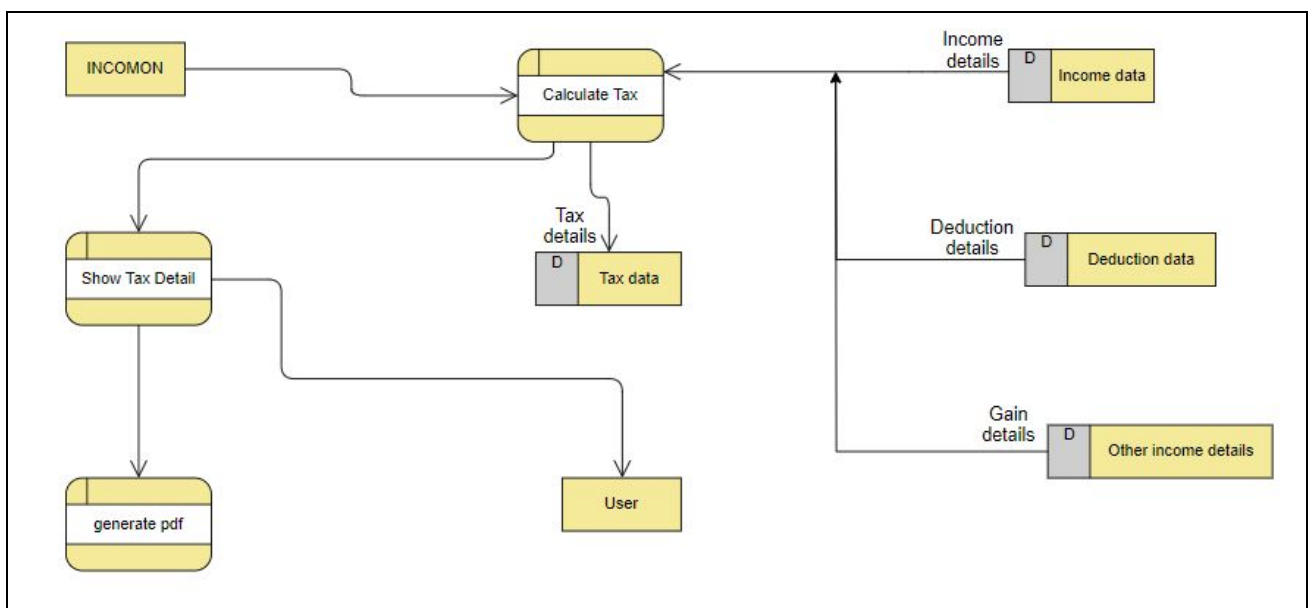


## Report 2.0

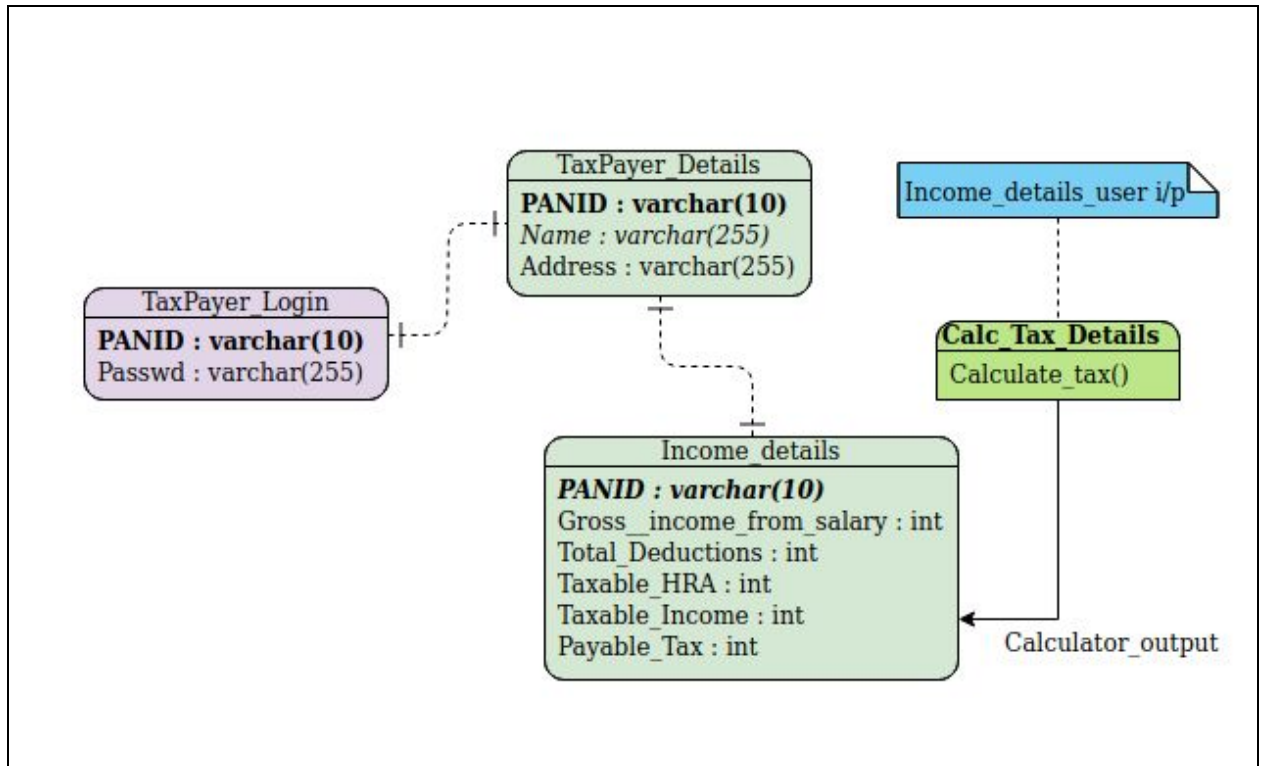
### 3. 2-level DFD:



### 4. 3-level DFD:



ERD:

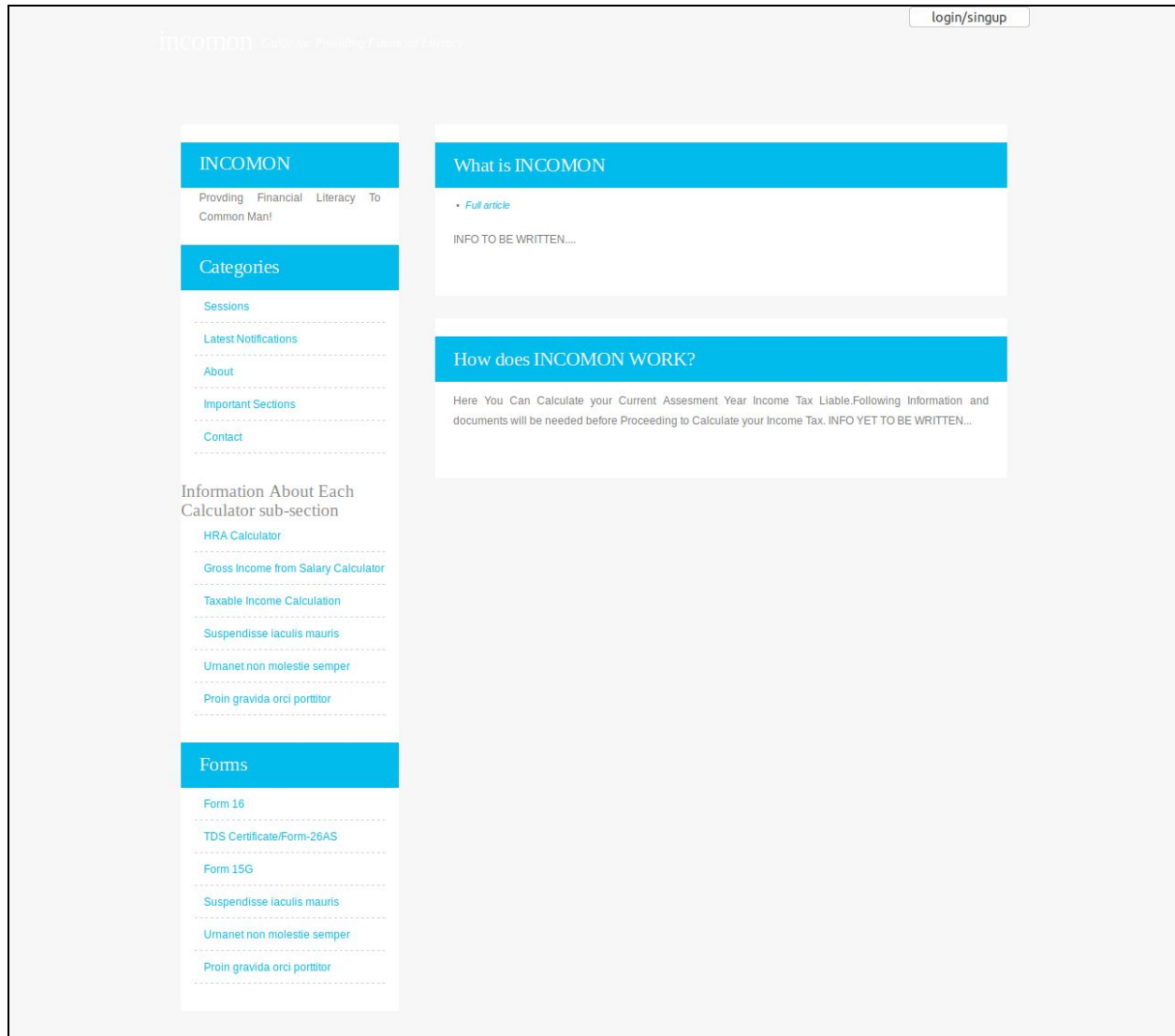


## Source code:

Source code of the proposed incomon system is available on github. Please [click here](#) for accessing code.

## Incomon system's snapshots:

Incomon Information portal homepage:



## Report 2.0

### Registration:

Sign Up

Sign In

Pan Number

Pan card number

Name as on Adhaar

Name As on Adhaar

Enter Adhaar Number

Enter Adhaar Number

Email

Enter Email

Password

\*\*\*\*\*

Retype Password

Retype Password

Sign Up


 or


Skip Login

### Login page:

Sign In

Forgot password?

 ALGPM4594A

 \*\*\*\*\*

☐ Remember me

Submit

Skip Login

Don't have an account? [Sign Up Here](#)

## Report 2.0

### Logged-in User Window:

incomon

Guide for Providing Financial Literacy

logout

INCOMON

Providing Financial Literacy To Common Man!

Categories

Sessions

Latest Notifications

About

Important Sections

Contact

Information About Each Calculator sub-section

HRA Calculator

Gross Income from Salary Calculator

Taxable Income Calculation

Suspendisse iaculis mauris

Umanet non molestie semper

Proin gravida orci porttitor

Forms

Form 16

TDS Certificate/Form-26AS

Form 15G

Suspendisse iaculis mauris

Umanet non molestie semper

Proin gravida orci porttitor

Welcome to INCOMON, Your Previous Session Details

Posted by on March 10, 2008 • [Full article](#)

You can View your preious session's details.You can save this session's details in form of PDF.Once you Begin New session this session's details will be replaced by current session's details.

Begin New Session

Here You Can Calculate your Current Assesment Year Income Tax Liabie.Following Information and documents will be needed before Proceeding to Calculate your Income Tax.

- Income from Salary and Income certificate
- Capital Gains
- Bank Account Deposits Estatements FD+PPF+SAVINGS
- Information related to various forms
- House rent details
- Children School and Tuition Fee receipts
- Income from House Property
- Agricultural Income Details
- Tax Already Paid (TDS Certificates)
- Medical Insurance and Life Insurance papers

## Report 2.0

### Calculation Process:

#### Step 1: Basic taxpayer info

The screenshot displays a multi-step calculation process interface. At the top, a horizontal timeline shows six steps: Step 1 (Enter Basic Info), Step 2 (HRA Calculator), Step 3 (Other Income from Salary), Step 4 (Income from Other Sources), Step 5 (Deductions), and Step 6 (Confirm Your Details). Step 1 is currently active, indicated by a green circle and a horizontal line. Below the timeline, the form for Step 1 is shown, featuring four dropdown menus: 'City of Residence\*' (selected: Metro), 'Sex\*' (selected: Male), 'Age group\*' (selected: 21-59), and 'Assesment Year\*' (selected: 2020-21). A green arrow button is located at the bottom right of the form.

Step 1: Enter Basic Info

City of Residence\*

Metro

Sex\*

Male

Age group\*

21-59

Assesment Year\*

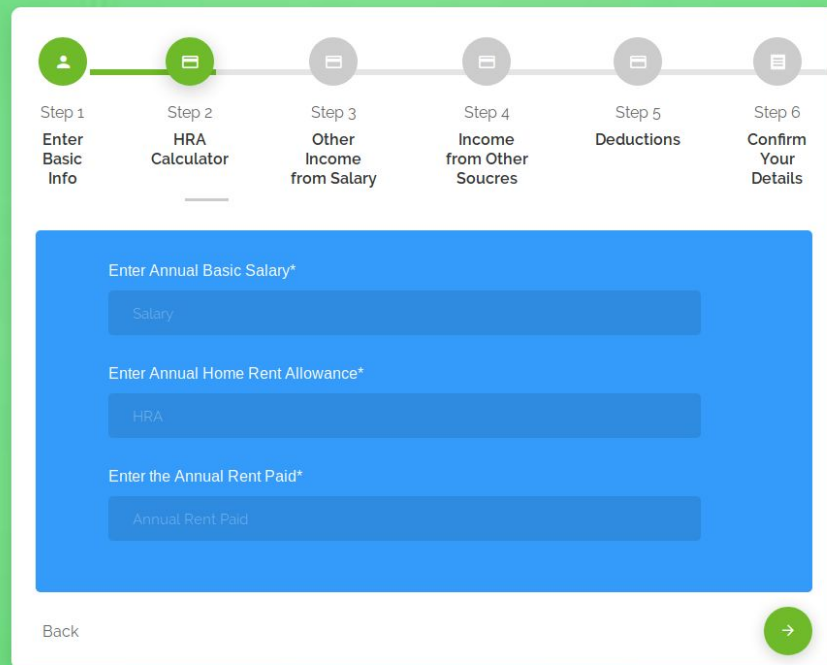
2020-21

→



## Report 2.0

### Step 2: Housing allowance and expenses



The screenshot displays a multi-step process for calculating Housing Allowance (HRA). At the top, a horizontal progress bar shows six steps: Step 1 (Enter Basic Info), Step 2 (HRA Calculator), Step 3 (Other Income from Salary), Step 4 (Income from Other Sources), Step 5 (Deductions), and Step 6 (Confirm Your Details). Step 2 is currently active, indicated by a green circle and a green line. Below the progress bar, the main content area is blue and contains three input fields: 'Enter Annual Basic Salary\*' with a placeholder 'Salary', 'Enter Annual Home Rent Allowance\*' with a placeholder 'HRA', and 'Enter the Annual Rent Paid\*' with a placeholder 'Annual Rent Paid'. At the bottom left, there is a 'Back' button, and at the bottom right, there is a green circular button with a white right-pointing arrow.

Step 1  
Enter Basic Info

Step 2  
HRA Calculator

Step 3  
Other Income from Salary

Step 4  
Income from Other Sources

Step 5  
Deductions

Step 6  
Confirm Your Details

Enter Annual Basic Salary\*

Salary

Enter Annual Home Rent Allowance\*

HRA

Enter the Annual Rent Paid\*

Annual Rent Paid

Back

→

## Report 2.0

### Step 3: Other allowance

The screenshot shows a multi-step process for calculating tax. The steps are: Step 1: Enter Basic Info, Step 2: HRA Calculator, Step 3: Other Income from Salary (current step), Step 4: Income from Other Sources, Step 5: Deductions, and Step 6: Confirm Your Details. The current step, Step 3, is highlighted with a green circle and a green line. Below the step indicator, there is a blue box containing three input fields for allowances. The first field is 'Special Allowance\*' with a value of 120000. The second field is 'Leave Travel Allowance\*' with a value of 15000. The third field is 'Expense on Travel\*' with a value of 20000. At the bottom left of the form is a 'Back' button, and at the bottom right is a green circular button with a right arrow.

Step 1: Enter Basic Info

Step 2: HRA Calculator

Step 3: Other Income from Salary

Step 4: Income from Other Sources

Step 5: Deductions

Step 6: Confirm Your Details

Special Allowance\*

120000

Leave Travel Allowance\*

15000

Expense on Travel\*

20000

Back

→

## Report 2.0

### Step 4: Income from other sources

The screenshot shows a multi-step process for reporting income. At the top, a progress bar indicates six steps: Step 1 (Enter Basic Info), Step 2 (HRA Calculator), Step 3 (Other Income from Salary), Step 4 (Income from Other Sources), Step 5 (Deductions), and Step 6 (Confirm Your Details). Step 4 is currently active and highlighted with a green circle and a horizontal line underneath. Below the progress bar, the main content area has a blue background and contains four input fields for different types of income. Each field has a label, an asterisk indicating it's required, and a blue input bar with the entered value. At the bottom left of the form is a 'Back' button, and at the bottom right is a green circular button with a white right-pointing arrow.

Step	Label
Step 1	Enter Basic Info
Step 2	HRA Calculator
Step 3	Other Income from Salary
Step 4	Income from Other Sources
Step 5	Deductions
Step 6	Confirm Your Details

Income Source	Amount
Interest on Savings Accounts*	9000
Interest from Fixed Deposit Account*	12000
Agricultural Income*	10000
Gifts-Winnings-Lottery*	1000

## Report 2.0

Step 5: Total deductions under section 80C, 80D and so on.

The screenshot displays a mobile application interface for Step 5, 'Deductions'. At the top, a progress bar shows six steps: Step 1 (Enter Basic Info), Step 2 (HRA Calculator), Step 3 (Other Income from Salary), Step 4 (Income from Other Sources), Step 5 (Deductions), and Step 6 (Confirm Your Details). Step 5 is currently active. The main content area is a blue card with several input fields for deductions. The fields are: Public Provident Fund Account Deposits\* (50000), Employee Provident Fund\* (54000), ELSS\* (15000), Life Insurance Premium\* (23500), Medical Insurance Premium (split into 'For Self and Family' at 12500 and 'For Parents' at 15000), Tuition Fees for Children\* (25000), Contribution made towards NPS/NPF/NSC\* (nps), and Donations\* (with a placeholder 'Enter amount of Donations made in this year'). At the bottom left is a 'Back' button, and at the bottom right is a green circular button with a right-pointing arrow.

Deduction Category	Amount
Public Provident Fund Account Deposits*	50000
Employee Provident Fund*	54000
ELSS*	15000
Life Insurance Premium*	23500
Medical Insurance Premium	
For Self and Family	12500
For Parents	15000
Tuition Fees for Children*	25000
Contribution made towards NPS/NPF/NSC*	nps
Donations*	Enter amount of Donations made in this year

## Report 2.0

### Final Step: Confirming income Details

Step 1  
Enter  
Basic  
Info

Step 2  
HRA  
Calculator

Step 3  
Other  
Income  
from Salary

Step 4  
Income  
from Other  
Soucrs

Step 5  
Deductions

Step 6  
Confirm  
Your  
Details

Confirm Details

Annual Basic Salary:	450000
HRA:	240000
Rent Paid Annually:	180000
Special Allowance:	120000
Travel Allowance:	15000
Interest From Savings Account:	9000
Interest From Fixed Deposit Account:	12000
Agricultural Income:	10000
Gifts-Winnings-Lottery:	1000
PPF Account Deposits:	50000
Employee Provident Fund:	54000
ELSS:	15000
Life Insurance Premium:	23500
Medical Insurance Premium For Self and Family:	12500
Medical Insurance Premium For Parents:	15000
Contibution towards NPS/NPF/NSC:	10000
Tuition Fees For Children:	25000
Donations:	5000

Submit Query

Back

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## Report 2.0

Pdf report: This document can be downloaded

Annual Basic Salary	450000.0
HRA	240000.0
Special Allowance	110000.0
Taxable HRA	185000.0
Gross Income From Salary	695000.0
Employee Provident Fund	54000.0 --> Deduct

Interest from Savings Account	9000.0
Interest From Fixed Deposit Account	0.0
PPF Account	50000.0 --> Deduct
ELSS	15000.0 --> Deduct

Medical Insurance Premium	12500.0 + 15000.0 --> Deduct
Health Insurance Premium	--> Deduct
Tuition Fees	25000.0 --> Deduct
National Pension Scheme	10000.0 --> Deduct
Donation	5000.0 --> Deduct

#### Extra Notes

Please send all items at the same time to shipping address by next week. Thanks a lot.

Total Deductions	195500.0
Taxable Income	519500.0
Tax Already Paid	
Tax Liabe	15028.0 -

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## Requirement Traceability Table:

Seq. no.	B ID	B Desc	TR ID	TR Description	TC ID	TC Description	Test Design	Test Execution Status
1	B1	LOGIN/ Signup	TR1	Login	TC1	Login with Invalid Username or invalid password	passed	passed
2					TC2	Login with valid username and valid password	passed	passed
3			TR2	Signup	TC3	Resgister a new user	passed	passed
4	B2	Using Tax Calcultor	TR3	With Registration	TC4	Filling all income details	passed	passed
5					TC5	Filling all Deductions	passed	passed
6					TC6	Change in Taxable income based on age group, gender, city, residential status,family members,all applicable governemnt schemes	passed	passed
7					TC7	Calculated Tax liable	passed	passed
8					TC8	Details of seession saved in database? YES	passed	passed
9			TR4	Without Regitsration	TC8	Details Saved in database? NO	passed	passed
10	B3	Saving/ Viewing PDF	TR5	View PDF	TC9	View PDF when registered user completes calculation process	passed	passed
11					TC10	Non Regitered user views PDF when completes calculation process	passed	passed
10			TR6	Save PDF	TC11	Registered user saves PDF	passed	passed
12					TC12	Non registered user cannot save PDF	passed	passed
13	B4	View Previous Session deatils	TR7	View last session details	TC13	Regisered user can view the last session details	passed	passed
14					TC14	Non registered user cannot view last session details	passed	passed
15	B5	Access information	TR8	Forms and sections	TC15	User redirected to official website to view and download required forms and sections for filling appropriate details in income sources	passed	passed