Welcome Everyone

Hope all of you enjoy our project
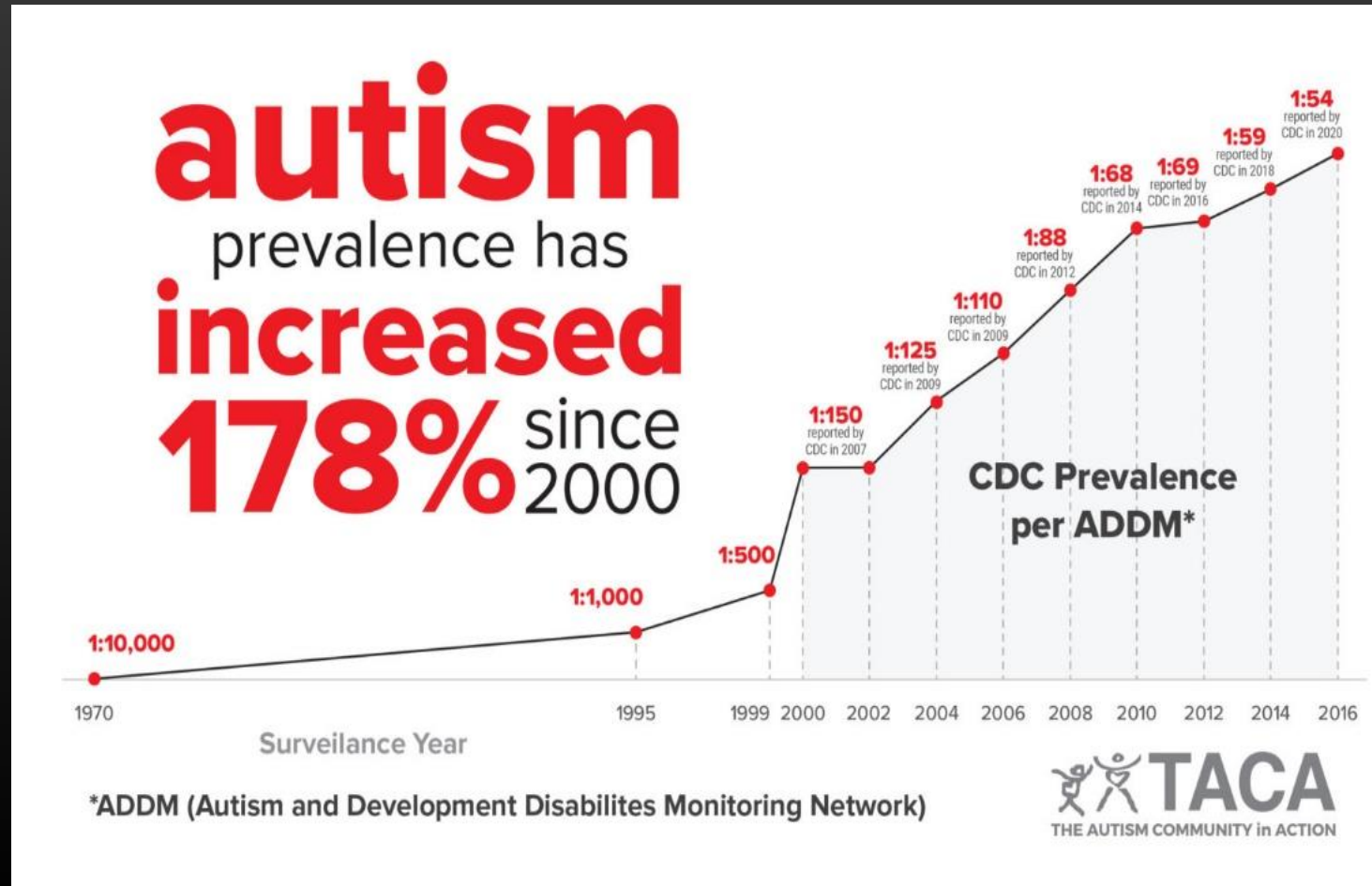
FORUM
FOR
OUR
SPECIAL
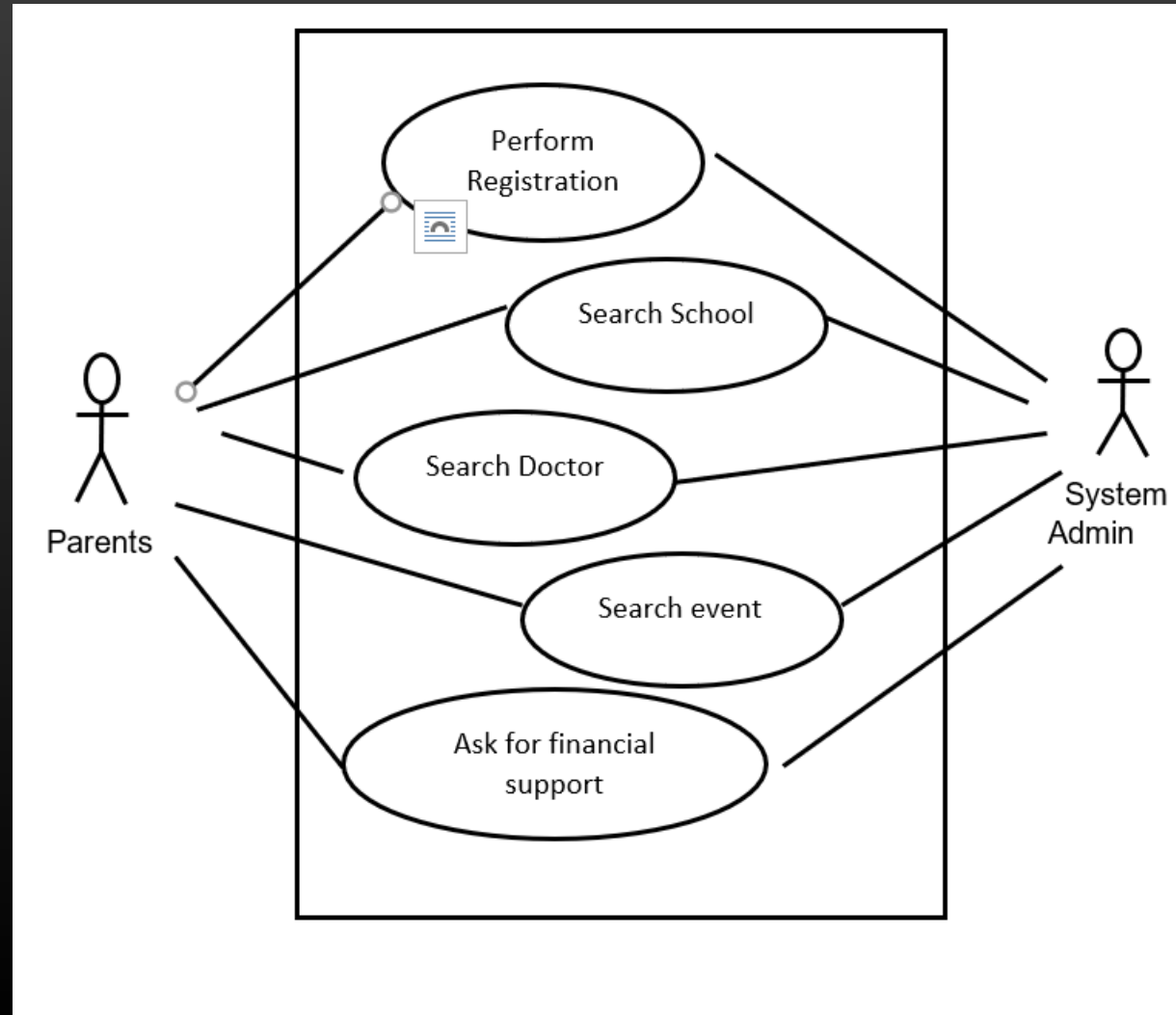CHILD

Why we select this idea?

- 1% in 1.5 lakh peoples are autistic and Male female ratio is 4:1
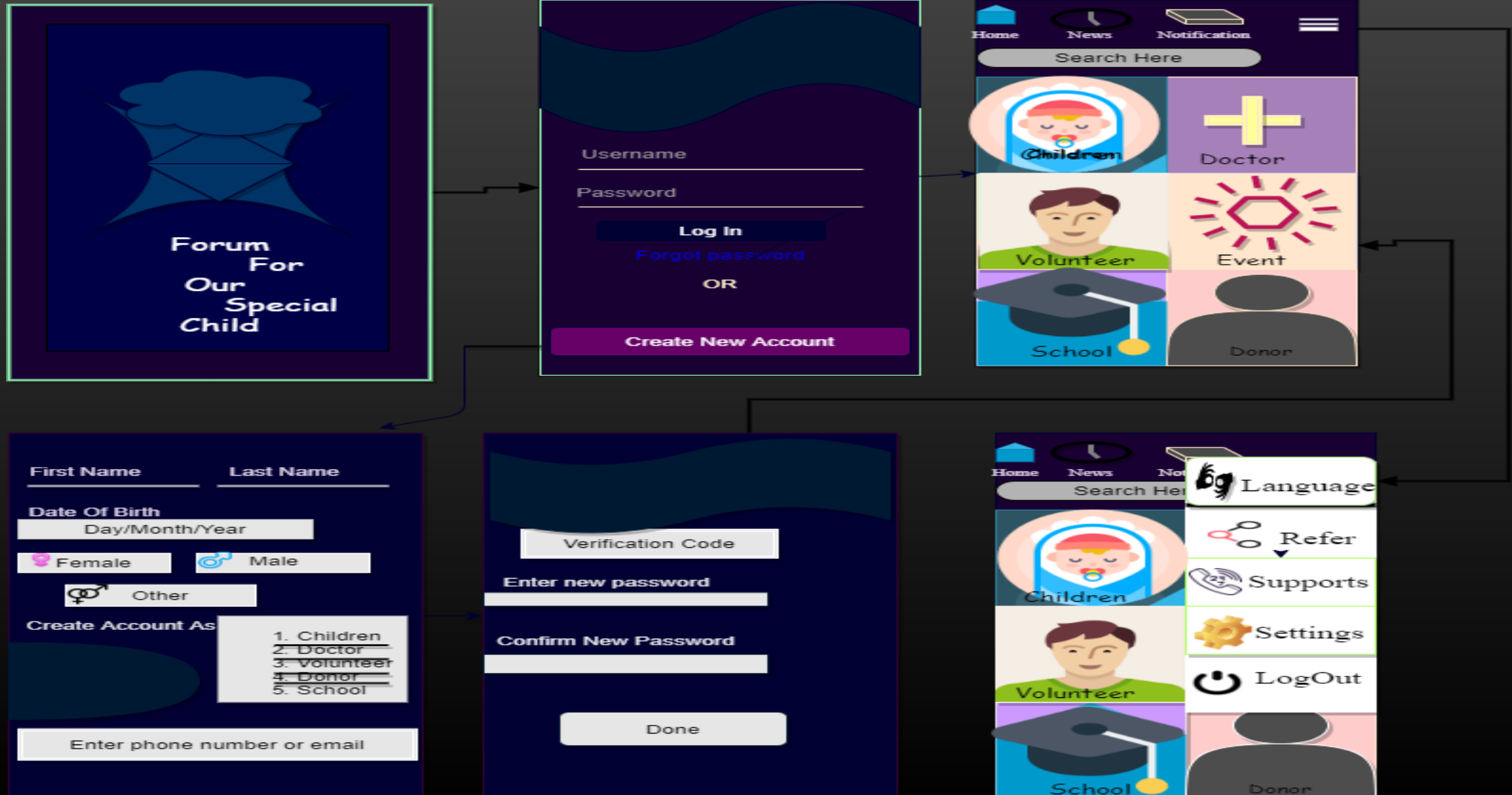
' Finding Doctor, School,

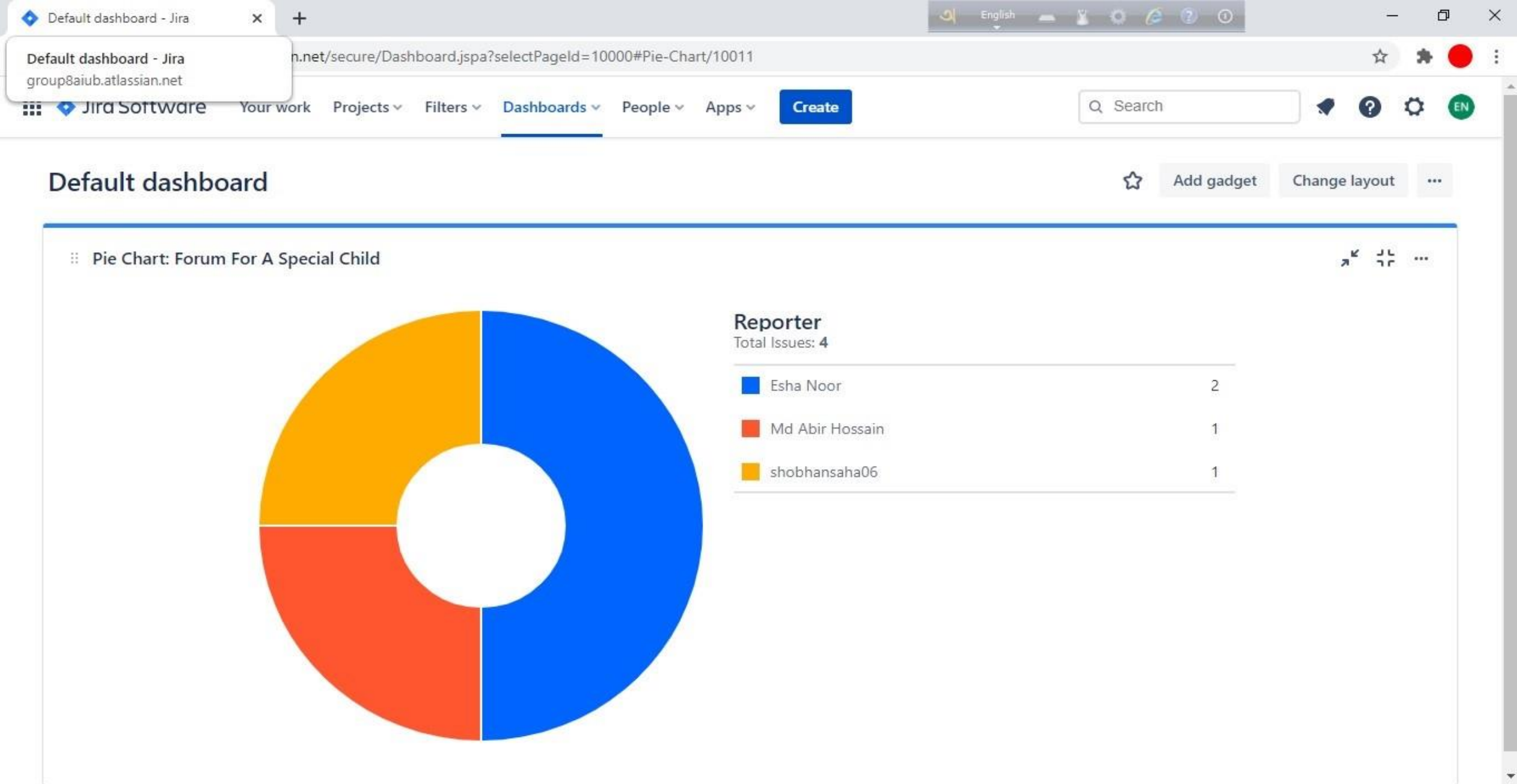Donation Problem'

UseCase Diagram

Activity Diagram

USER INTERFACE DESIGN

JIRA SOFTWARE

GITHUB

CLASS Diagram

Parents

-name: string
-status: bool
-ParentNumber: string
-numberOfChildren:int

+SetName(Name):void
ShowStatus():void
+getName():string
+showNumberOfChildren():void

1..*

1.. 1

System

-ParentObj: Parent
-Options: int
-notification
+Support
+language settings

update()
showInformation()
createDocument()
Send notication()
Perform registration()

CODING


```cpp
#include<iostream>
using namespace std;

class child
{
public:
    string Child_name;
    int Child_age;
    string name()
    {
        return Child_name;
    }
    int age()
    {
        return Child_age;
    }
};

int main()
{
    child cl;
    cl.Child_name="jhon";
    cl.Child_age=10;
     cout<<"FORUM FOR A SPECIAL CHILD "<<endl;
    cout<<"Children Name "<<cl.name()<<endl;
     cout<<"Children Age "<<cl.age()<<endl;
     return 0;

}
```

```
FORUM FOR A SPECIAL CHILD
Children Name jhon
Children Age 10

Process returned 0 (0x0)   execution time : 0.088 s
Press any key to continue.
```

PROJECT SCHEDULING

A: Requirement Analysis

- ✓ A1: Requirement Meetings with Client
- ✓ A2: Identify needs and benefits
- ✓ A3: Communication with stakeholders
- ✓ A4: Establish Product Statements

B: Designing

- ✓ B1: Use Case Diagram
- ✓ B2: Activity Diagram
- ✓ B3: Mock Design
- ✓ B4: Class Diagram

C: Coding Part

- ✓ C1: Development and Integrate System Module
- ✓ C2: Boundary Class
- ✓ C3: Entity Class
- ✓ C4: Control Class

D: Implementation

- ✓ D1: On-Site installation
- ✓ D2: Support Plan for the System

E: Testing Part

- ✓ E1: Perform Initial Testing
- ✓ E2: Integration Testing
- ✓ E3: System Testing
- ✓ E4: Correct Issues found

F: Documentation

- ✓ F1: Document Current System
- ✓ F2: User manual
- ✓ F3: Review Scope with the customer
- ✓ F4: Revise Document as Required

G: Maintenance

- ✓ G1: Fixing the bug and performance issues
- ✓ G2: Taking Feedbacks and working on them
- ✓ G3: Understand Complexity
- ✓ G4: Add new Features

Constructive cost model

project type : Organic

Coefficient<Effort Factor> : 2.4 ;

P=1.05;

T=0.38

SLOC : 13,000 Lines Person Months,

PM   ={2.4*(13,000 /1000)$^{1.05}$} = 35.47

Dev.Time, DM =(2.5 x35.47.38) = 9.702 = 9months = 1672working Hours

Required People, ST =PM/DM = 3.65 =4people

Budgeting:

Developer Salary in 10 months : Pre Developer salary Per Working Hours = 700 Taka

Total Developer salary = 700 x 1672 = 1170400Taka

Requirement Analysis:

Time Needed: 1month (22working Days = 176 Working Hours)

Req Analysis Person's Hourly wage = 350 Taka

Total Req Analysis Expense =350 x 176 = 61,600 Taka

Transportation Cost Estimation : 9,000 Taka

Training & Hardware Expenses Estimation: 120,000 Taka

Rent Expenses: Room per Month = 10,000 Taka

Total in 10 Months = 100,000 Taka

 Total Utilities in 10 Months : 35,000 Taka

Maintaince (Till 7 Months after Delivery): Expense Per Hour = 1000 Taka

Total Estimated time Needed for Maintenance = 70Hours

Total Estimated Maintenance Expense = 70 * 1000 = 70,000 Taka

Other Human Resources: 50,000 Taka

Subscription fee   15000 Taka

Total Estimated Expense: 1170400+61,600+9,000 +120,000+100,000+35,000+70,000 +50,000+15000= 16,31000

 Profit: 35% of Total Estimated Expenses = 1631000* 35% = 570850Taka

Total Budgeting: 1631000+570850=22,01850Taka

Conclution:

- To assist children parents with specialized healthcare needs.
- Software mangememt.
- Focus basic needs.

Thank You Everyone

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