

Welcome Everyone

Hope all of you enjoy our project

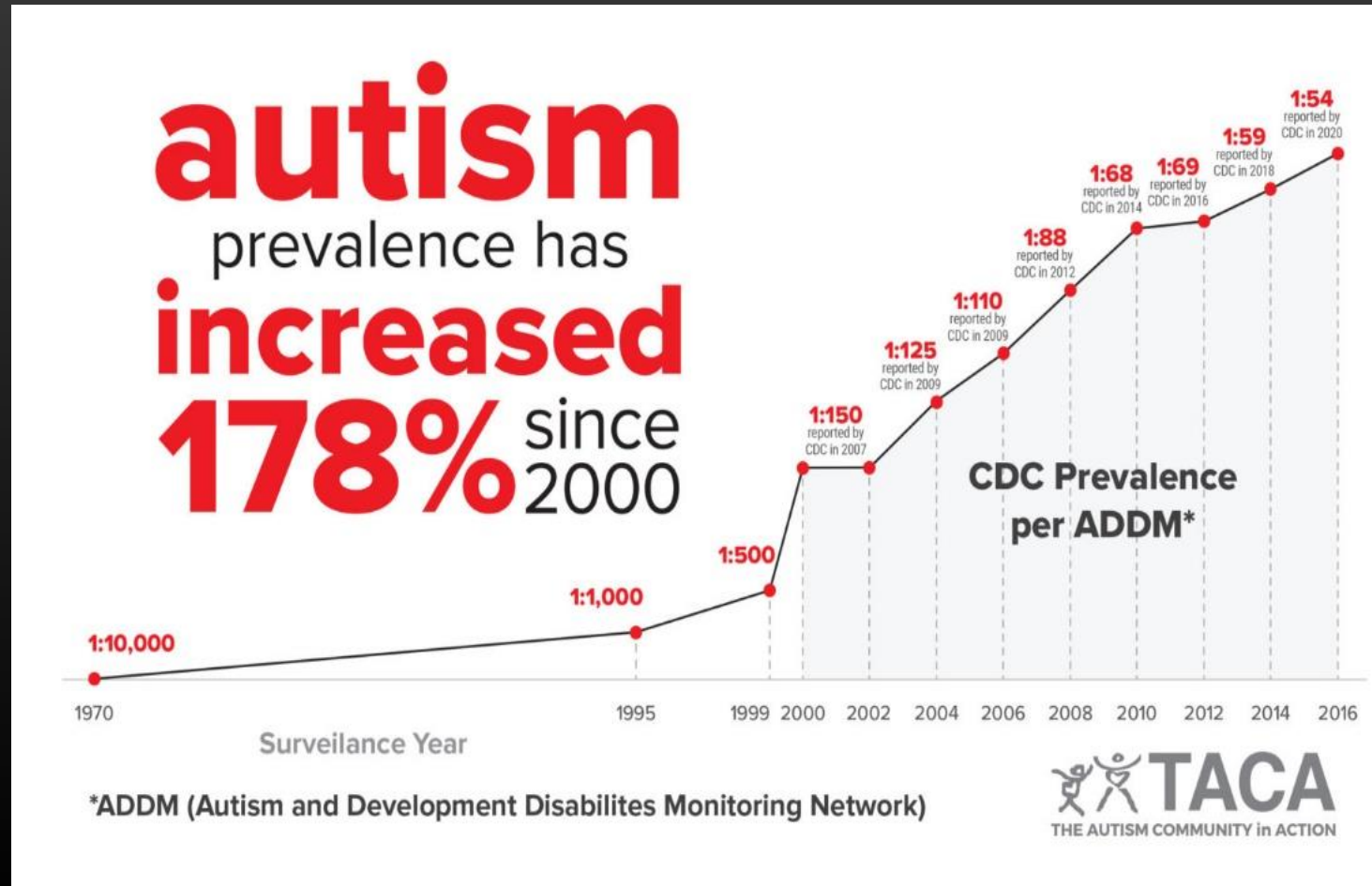
FORUM  
FOR  
OUR  
SPECIAL  
CHILD



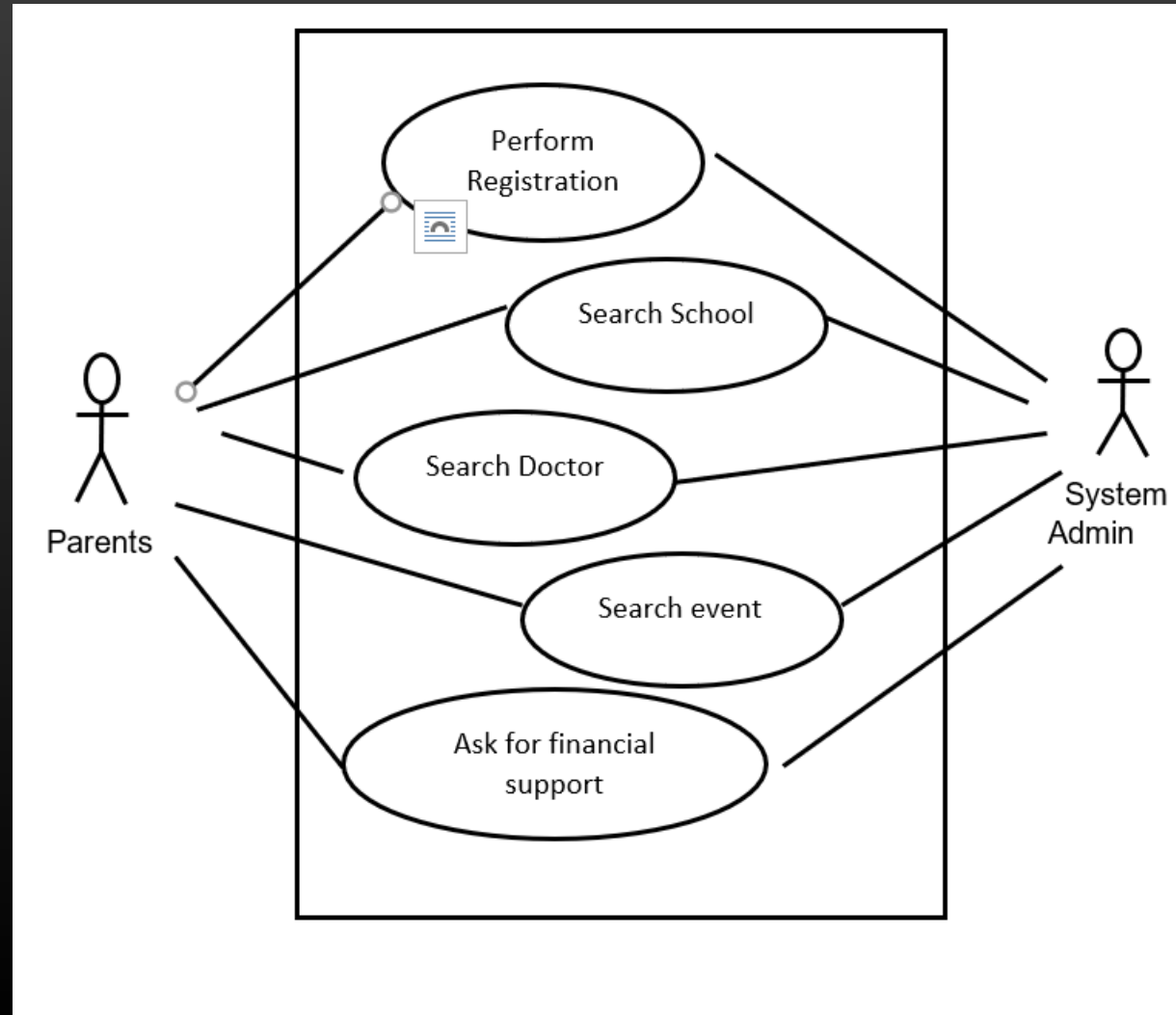
# Why we select this idea?

- 1% in 1.5 lakh peoples are autistic and Male female ratio is 4:1

‘ Finding Doctor, School,  
Donation Problem’



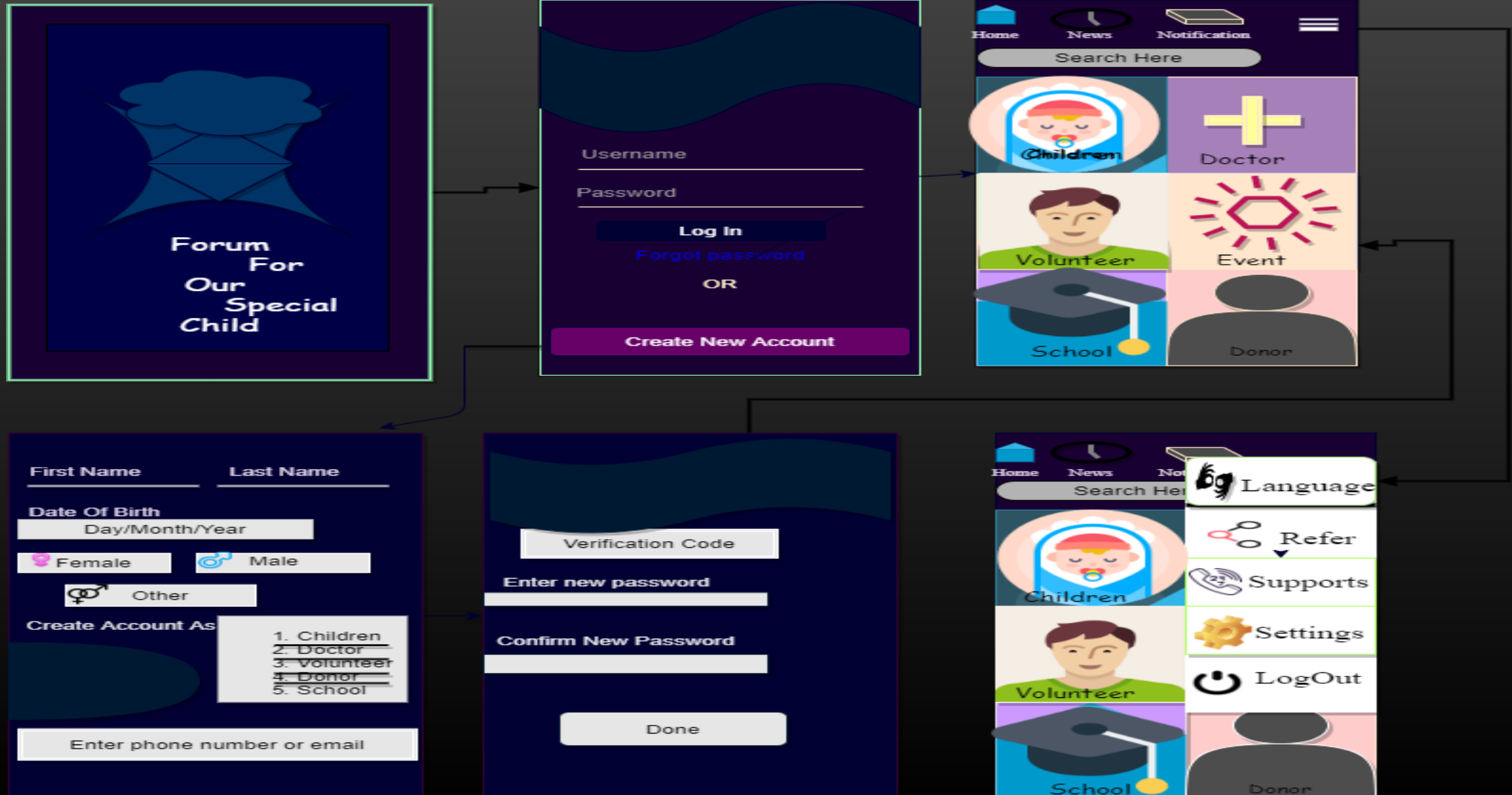
# UseCase Diagram



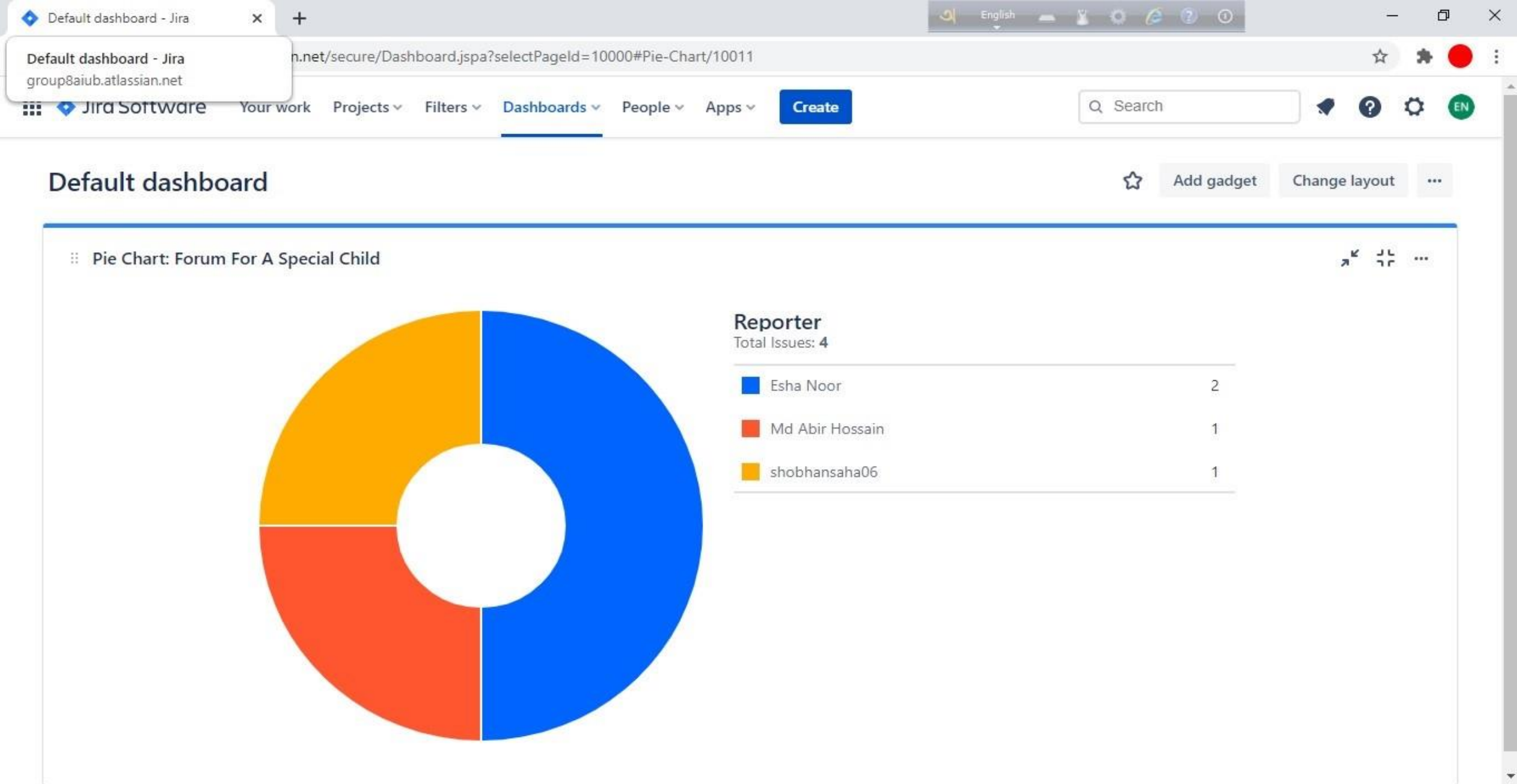
# Activity Diagram



# USER INTERFACE DESIGN



# JIRA SOFTWARE



# GITHUB

software295/FORUM-FOR-SPECIAL-CHILD

github.com/software295/FORUM-FOR-SPECIAL-CHILD

Search or jump to...

Pull requestsIssuesMarketplaceExplore

software295 / FORUM-FOR-SPECIAL-CHILD

Unwatch

1

Star0

Fork0

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

main1 branch0 tags

Go to fileAdd fileCode

software295 nothing94a333e 23 days ago 4 commits

activity	added 2 folder and one pptx file	23 days ago
mock	mock	23 days ago
usecase	added 2 folder and one pptx file	23 days ago
11practice	nothing	23 days ago
practice	nothing	23 days ago
seproject.pptx	added 2 folder and one pptx file	23 days ago

Help people interested in this repository understand your project by adding a README.

Add a README

About

No description, website, or topics provided.

Releases

No releases published

Create a new release

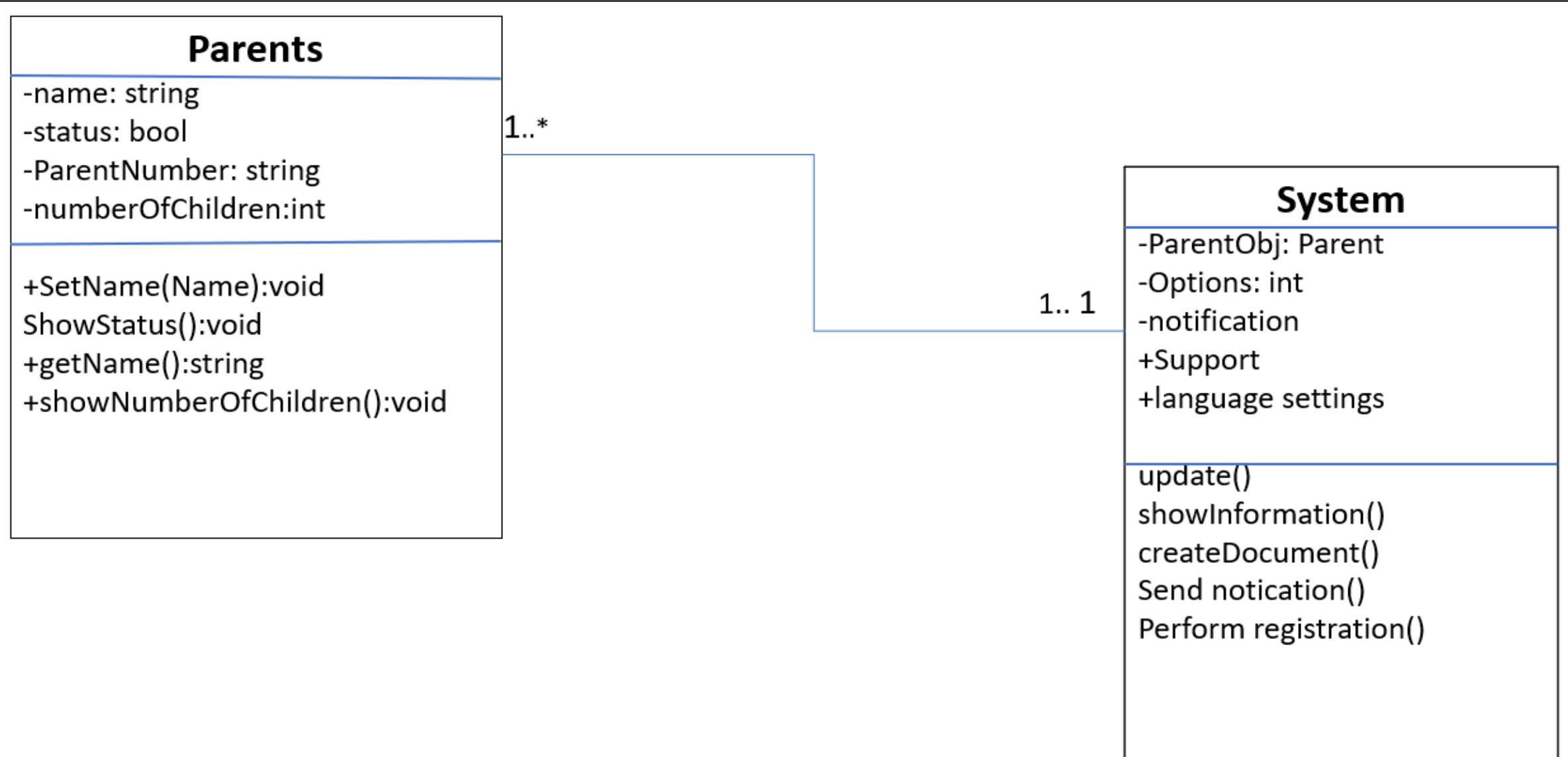
Packages

No packages published

Publish your first package



# CLASS Diagram



# CODING

The screenshot displays the Code::Blocks IDE interface. The main editor window shows a C++ program with the following code:

```
1  #include<iostream>
2  using namespace std;
3
4  class child
5  {
6  public:
7      string Child_name;
8      int Child_age;
9      string name ()
10     {
11         return Child_name;
12     }
13     int age ()
14     {
15         return Child_age;
16     }
17 };
18
19 int main()
20 {
21     child c1;
22     c1.Child_name="jhon";
23     c1.Child_age=10;
24     cout<<"FORUM FOR A SPECIAL CHILD "<<endl;
25     cout<<"Children Name "<<c1.name ()<<endl;
26     cout<<"Children Age "<<c1.age ()<<endl;
27     return 0;
28 }
29
30
```

The left sidebar shows the 'Management' panel with 'Projects', 'Symbols', and 'Files' tabs. The 'Workspace' is currently empty.

Overlaid on the bottom right is a terminal window titled 'C:\Users\Esha\Desktop\Untitled1.exe'. It displays the output of the program:

```
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.
```

The status bar at the bottom indicates the current file is 'C/C++', the window is 'Windows (CR+LF)', the encoding is 'WINDOWS-1252', and the cursor is at 'Line 24, Col 38, Pos 352'.



<b>A: Requirement Analysis</b>	
✓	A1: Requirement Meetings with Client
✓	A2: Identify needs and benefits
✓	A3: Communication with stakeholders
✓	A4: Establish Product Statements
<b>B: Designing</b>	
✓	B1: Use Case Diagram
✓	B2: Activity Diagram
✓	B3: Mock Design
✓	B4: Class Diagram
<b>C: Coding Part</b>	
✓	C1: Development and Integrate System Module
✓	C2: Boundary Class
✓	C3: Entity Class
✓	C4: Control Class
<b>D: Implementation</b>	
✓	D1: On-Site installation
✓	D2: Support Plan for the System
<b>E: Testing Part</b>	
✓	E1: Perform Initial Testing
✓	E2: Integration Testing
✓	E3: System Testing
✓	E4: Correct Issues found
<b>F: Documentation</b>	
✓	F1: Document Current System
✓	F2: User manual
✓	F3: Review Scope with the customer
✓	F4: Revise Document as Required
<b>G: Maintenance</b>	
✓	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  $= (2.5 * 35.47 * 0.38) = 9.702 = 9\text{months} = 1672\text{working Hours}$

Required People, ST  $= PM / DM = 3.65 = 4\text{people}$

# Budgeting:

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

Total Developer salary =  $700 \times 1672 = 1170400$  Taka

Requirement Analysis:

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

Req Analysis Person's Hourly wage = 350 Taka

Total Req Analysis Expense =  $350 \times 176 = 61,600$  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 =  $1631000 * 35\% = 570850$  Taka

**Total Budgeting:**  $1631000 + 570850 = 22,01850$  Taka

# Conclution:

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

# Thank You Everyone

Presented by (Group 8) :

1. Esha, Nura Solahin(19-39767-1)
2. Saha, Shobhan Kuman(19-40911-2)
3. Paul, Durlov(19-39950-1)
4. Hossain, Md, Abir(19-40907-2)

Presented to:

Dr Razib Hayat Khan Sir  
Assistant Professor , CS  
American International University - Bangladesh