

# Speedy Sitter

Comp 5423

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Project presentation: Sprint4

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# Outline

- Problem Definition
- Exemplar sample user story
- One activity diagram
- One class diagram
- Software Engineering Ranking Matrix
- Exemplar database diagram
- Exemplar User screens
- Exemplar working code

# One exemplar sample user story

Scenario Name: Make a new request

Date: 11/30/16

Priority: High

primary/secondary Actors: parent

Goals/purpose: To make a new baby sitting request

Preconditions: Should be logged in & enter child information

Scenario steps: ① user login to system

② Go to service tab

③ click on make new request

④ fill the form completely

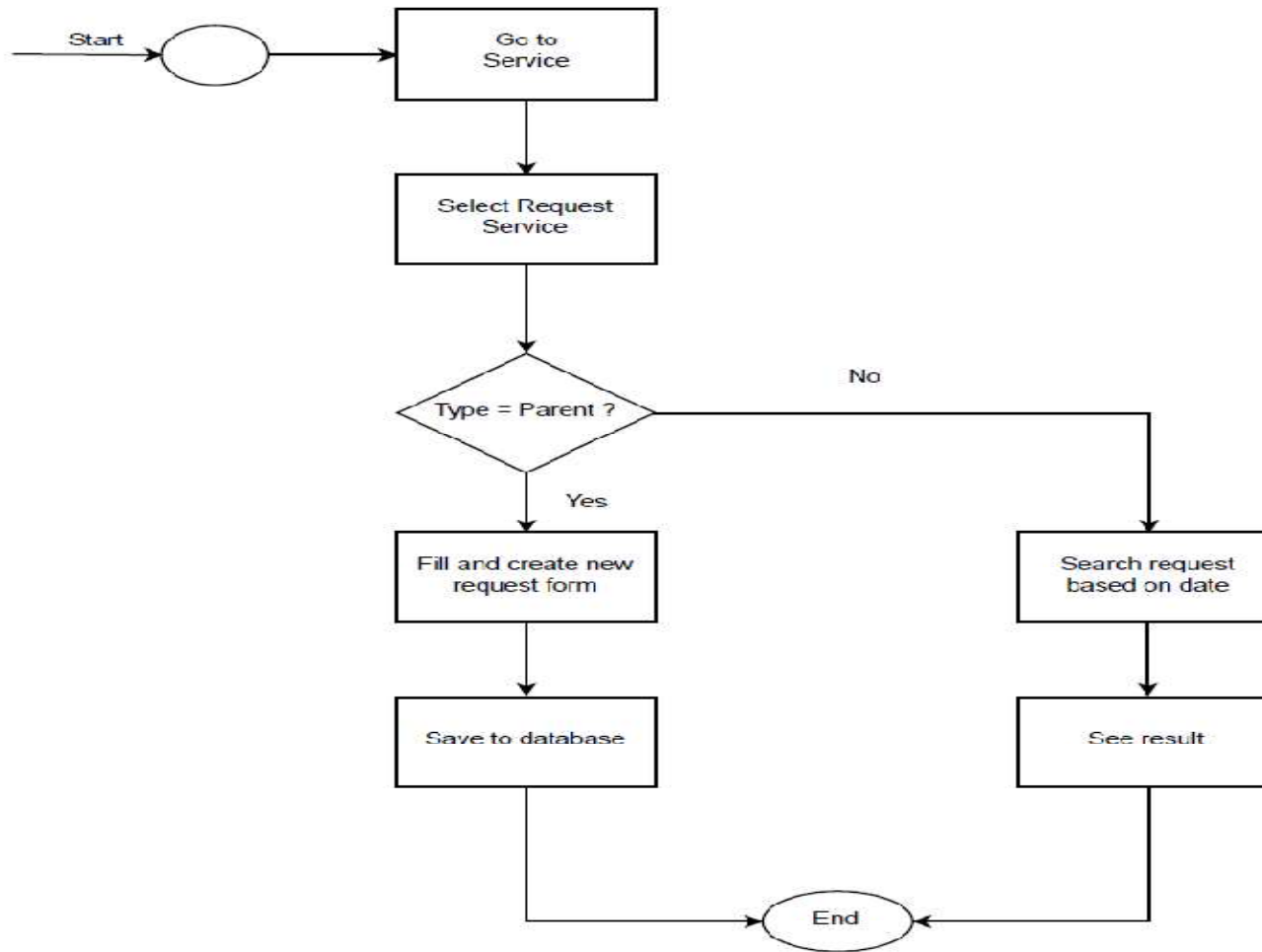
(5) submit the form

Exceptions:

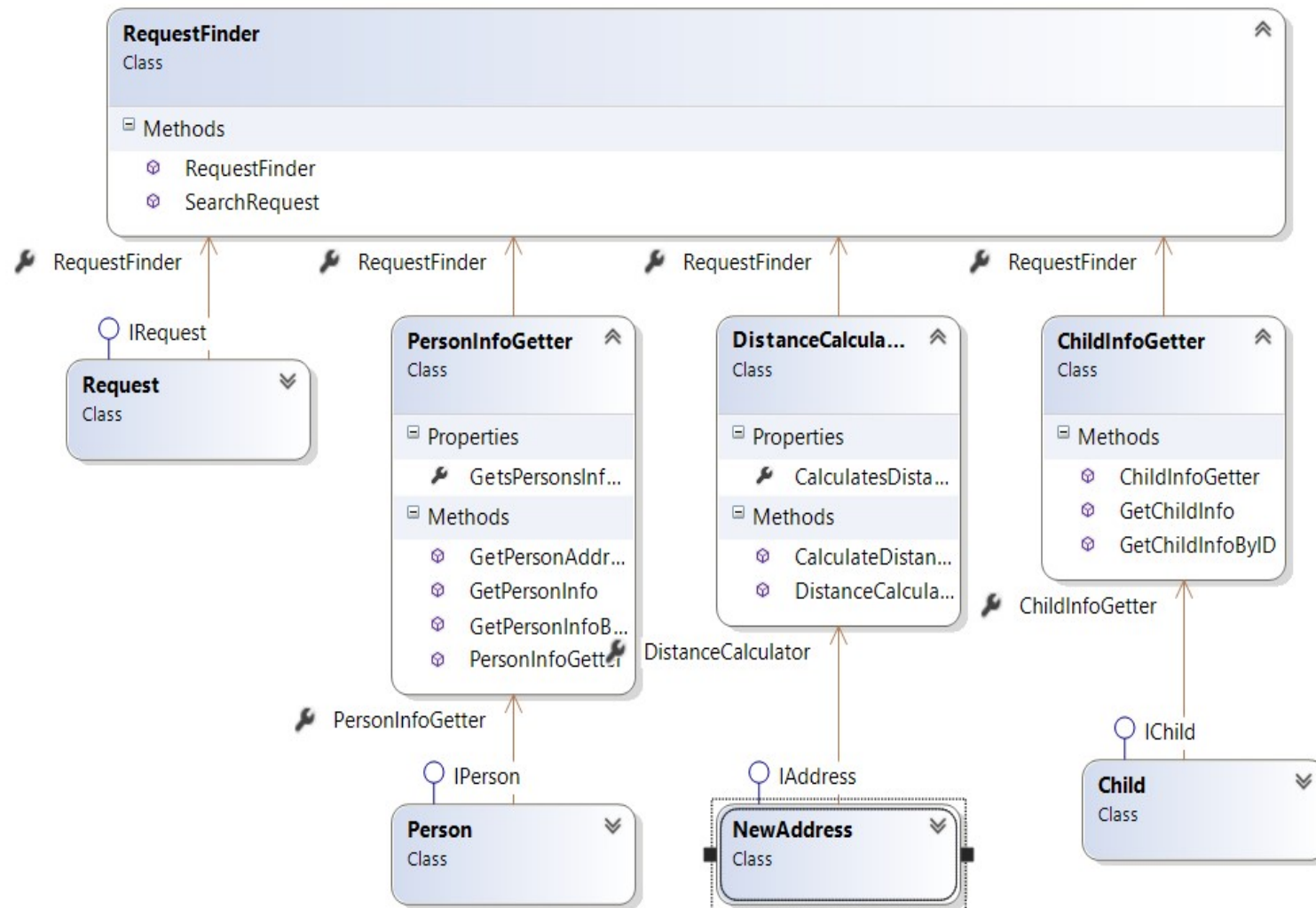
① wrong children information error

② server error.

# Activity Diagram



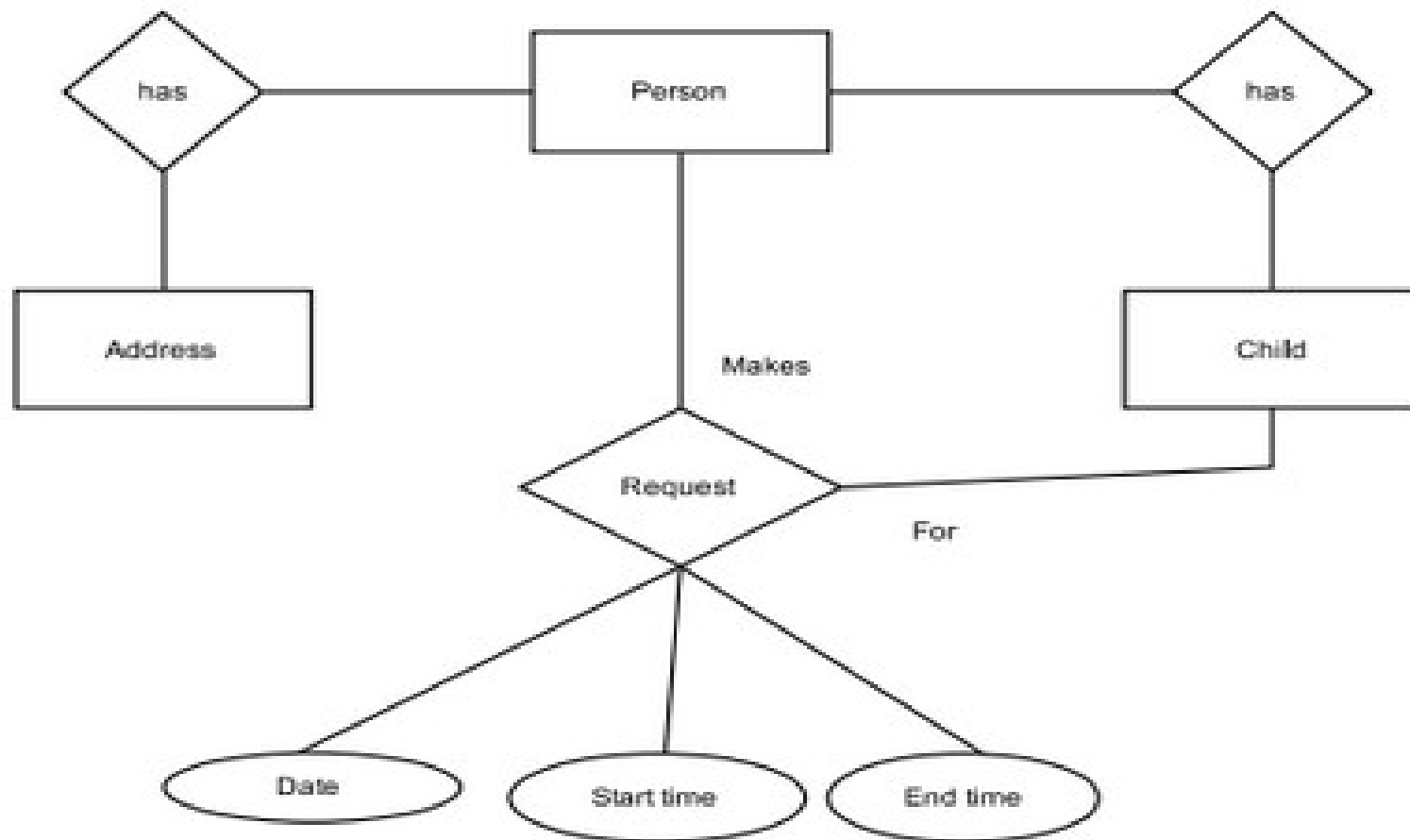
# Class Diagram



# Ranking Module Matrix

Module Name	Persons In Charge	Rank For S (1-10)	Rank For O (1-10)	Rank For L (1-10)	Rank For I (1-10)	Rank For D (1-10)	Rank For Cohesion (1-10)	Rank For Coupling (1-10)	Reasons for your ranking for each of the columns
Module 1 Login	Anitha	10	10	8	10	10	8	8	only depends on registration
Module 2 Registration	Ashwaja	10	8	8	10	10	10	10	Doesn't depends on anything
Module 3 Address Calculation	Anitha Ashwaja Tanzila	9	8	8	10	10	10	10	Doesn't depends on anything
Module 4 Find near by address	Tranzila	9	10	8	9	10	8	8	Depend on Login & address calculation
Module 5 Request/ Find Service	Tanzila	9	9	8	9	7	7	7	Depends on Login & near by address

# Database Diagram





# Exemplar User Screens

← → ↻ ⓘ localhost:3320/FindRequest.cshtml



**Enter Date: \***

-----Showing Requests that match your search-----

Request No: 1 - Request Id: 9  
For Date: 12/29/2016 12:00:00 AM  
Start Time: 18:30:00 and End Time: 22:30:00  
Request Specificaion: should be sproty

Request Made By: Jon Snow  
Sex: Male , User Type: Parent , Visa Status: USCitizen  
Phone: +15698742323, Email: jsnow@gmail.com

Address: Ohio State University, n/a, Columbus, OH 43085  
Distance from your location is: 1614.10671112482 Kilometers

Request Made For Child: Ghost Snow  
Sex: Male , Date-of-Birth: 3/3/2012 12:00:00 AM  
Special Need: Loves Ghosts

[Go Back Home](#)



# Exemplar Working Code

```
}  
  
public static Person GetPersonInfoByUsername(string uname)  
{  
    try  
    {  
        Person p = new Person();  
  
        SqlConnection con = new SqlConnection(@"Data Source=DAMONNAHARIS\TRINA;Initial Catalog=TestDB1;Integrated Security=True");  
  
        con.Open();  
  
        if (con.State == System.Data.ConnectionState.Open)  
        {  
            Console.WriteLine("Connection made\n");  
            string q = "SELECT * FROM Persons WHERE UserName='" + uname + "'";  
            SqlCommand cmd = new SqlCommand(q, con);  
            cmd.ExecuteNonQuery();  
            SqlDataReader reader = cmd.ExecuteReader();  
            while (reader.Read())  
            {  
                Console.WriteLine("Select successful!");  
  
                p.Pid = Int32.Parse(reader.GetSqlValue(0).ToString());  
                Console.WriteLine(p.Pid);  
                p.FName = reader.GetString(2);  
                p.LName = reader.GetString(1);  
                Console.WriteLine(p.FName + " " + p.LName);  
                p.Sex = reader.GetString(3);  
                Console.WriteLine(p.Sex);  
            }  
        }  
    }  
}
```

```

public static NewAddress GetPersonAddress(int pid)
{
    try
    {
        NewAddress UserAddress = new NewAddress();

        SqlConnection con = new SqlConnection(@"Data Source=DAMONNAHARIS\TRINA;Initial Catalog=TestDB1;Integrated Security=True");

        con.Open();

        if (con.State == System.Data.ConnectionState.Open)
        {
            Console.WriteLine("Connection made\n");
            string q = "SELECT * FROM Address WHERE PId=" + pid + "";
            SqlCommand cmd = new SqlCommand(q, con);
            cmd.ExecuteNonQuery();
            SqlDataReader reader = cmd.ExecuteReader();
            while (reader.Read())
            {

                UserAddress.Id = Int32.Parse(reader.GetSqlValue(0).ToString());
                UserAddress.Lat = Double.Parse(reader.GetString(6));
                UserAddress.Lon = Double.Parse(reader.GetString(7));
                UserAddress.Street1 = reader.GetString(1);
                UserAddress.Street2 = reader.GetString(2);
                UserAddress.City = reader.GetString(3);
                UserAddress.State = reader.GetString(4);
                UserAddress.Zip = reader.GetString(5);
                UserAddress.Pid = Int32.Parse(reader.GetSqlValue(8).ToString());

            }
        }
    }
}

```

**THANK YOU**