Group name: ALPHA

Group members: 1. Aktaruzzaman Ridoy (F16040112)

2. Fabiha Tafannum (F16040113)

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4. Md. Jahidul Kabir (F16040117)

5. Golam Jilany Rayhan (F16040102)

Project proposal:

Project name: STUDENT REGISTRATION

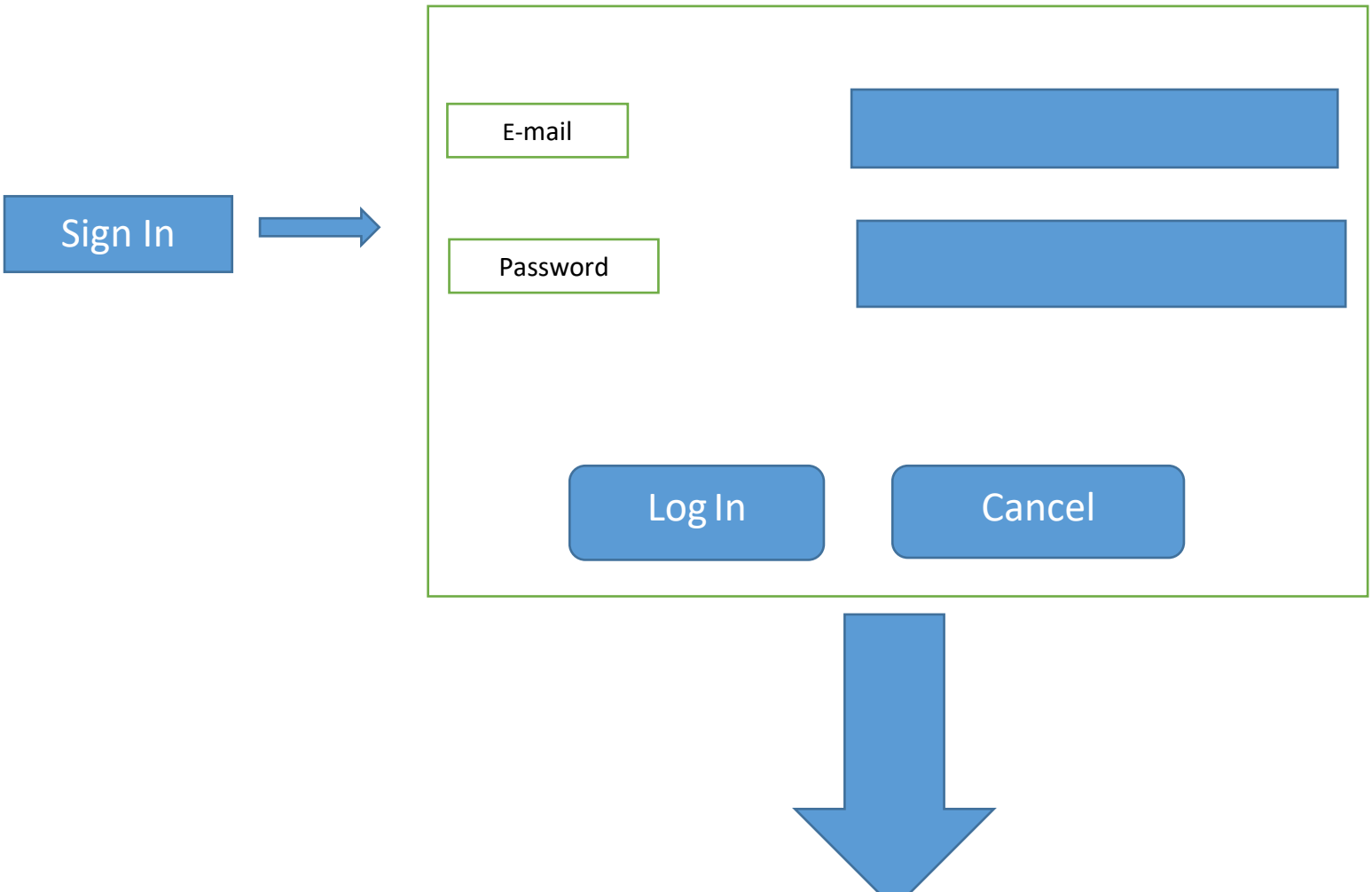
STUDENT REGISTRATION

Vision: Our targeted product of making a software is 'Student Registration System'. It's basically for any types of probationers. It is such a software that a student can be one of the admins by himself by entering his mail and password. So it is of course beneficial for a student to change any of his data whenever he wants; he even won't have to ask the main official admin to do so as he can make himself an admin of this software. Any student's information will be saved as database and anytime the admins and even users can also see the data what will be input there. But to do that one user must log in to the software by inputting a valid and proper e-mail id and password.

Software architecture: The language/tools that we have used here in our project are given below-

1. Language: JAVA
2. Toolkits: JDK(Java Development Kit)
   IDE (Netbeans)
   ICO converter (to convert image into icon)
3. Launch4j
4. Xampp
5. MySQL Connectors

Software structure: The key structure of our programmed software is like this –



Student Registration System

ID

Name

Father's name

City

Blood group

Phone

Class

Submit | Back

Add student

ID | Search

Name

Father's name

City

Blood group

Phone

Class

Update | Delete

Back

Operation

Id:

Name:

Father's name:

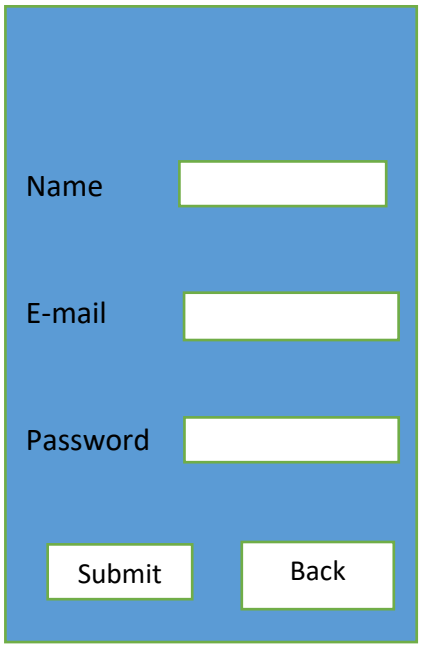
City:

Blood group:

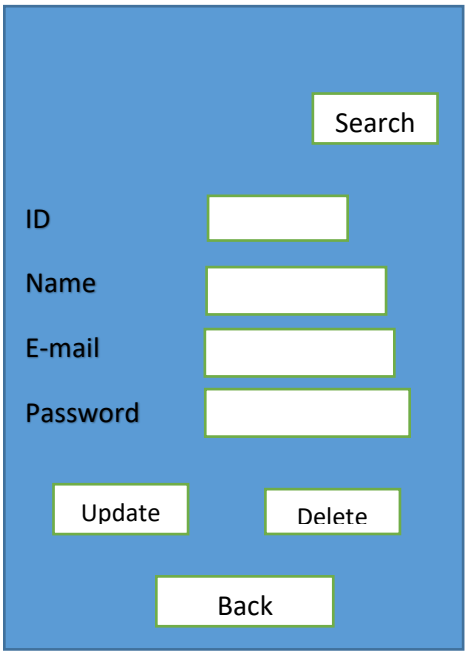
Phone:

Class:

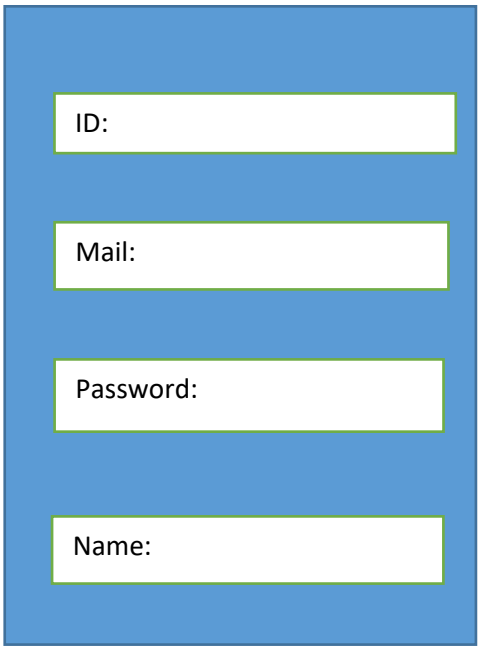
Show student



Add admin



Operation



Show admin

<u>Challenge and risks:</u> This task is our very first work to make a software. So it will be really tough and off course a challenging job for us. The main challenge is to select the goal of our project at first and to make it more valuable and worthy to

fulfill our desire. Every steps of this project can have high demand e.g. creation of all the options for data/information (id, name, mail, password, phone no etc.) by doing ‘code’ and making sure to run it perfectly will be the most critical part of this successful project of us.

It is not an easy task to complete it flawlessly. If the IDE field doesn’t have JDK and JRE then we can’t run it properly. And it’s a must to say about the perfect code. If the code is done imperfect anyhow then it is quite impossible to finish the work.