Job Portal

Job portal is a website program written in ASP.NET on which several companies can update their job description over the website where candidate who are eligible for job can apply without facing any problem. The main purpose of this major project is to decrease the overhead of finding jobs for graduated eligible candidates, where any one can create an account and can find various jobs under their criteria. This website also serves the purpose of security and privacy of candidates. Website is developed into two major parts. One is candidate panel where candidate will only be able to alter his information, and second one is for administration where they can perform major tasks like job description editing.

Objectives:

 ➢ Keep personal information hidden
 ➢ Providing list of jobs available
 ➢ Providing latest updates
 ➢ Apply for jobs
 ➢ Ease for find perfect jobs

Modules:

Public:

 ➢ Home
 ➢ About us
 ➢ Contact
 ➢ Sign Up
 ➢ Jobs
 ➢ Login

Administrator:

 ➢ Home
 ➢ Add new jobs
 ➢ View/Edit/Delete Jobs
 ➢ View/Delete/Download
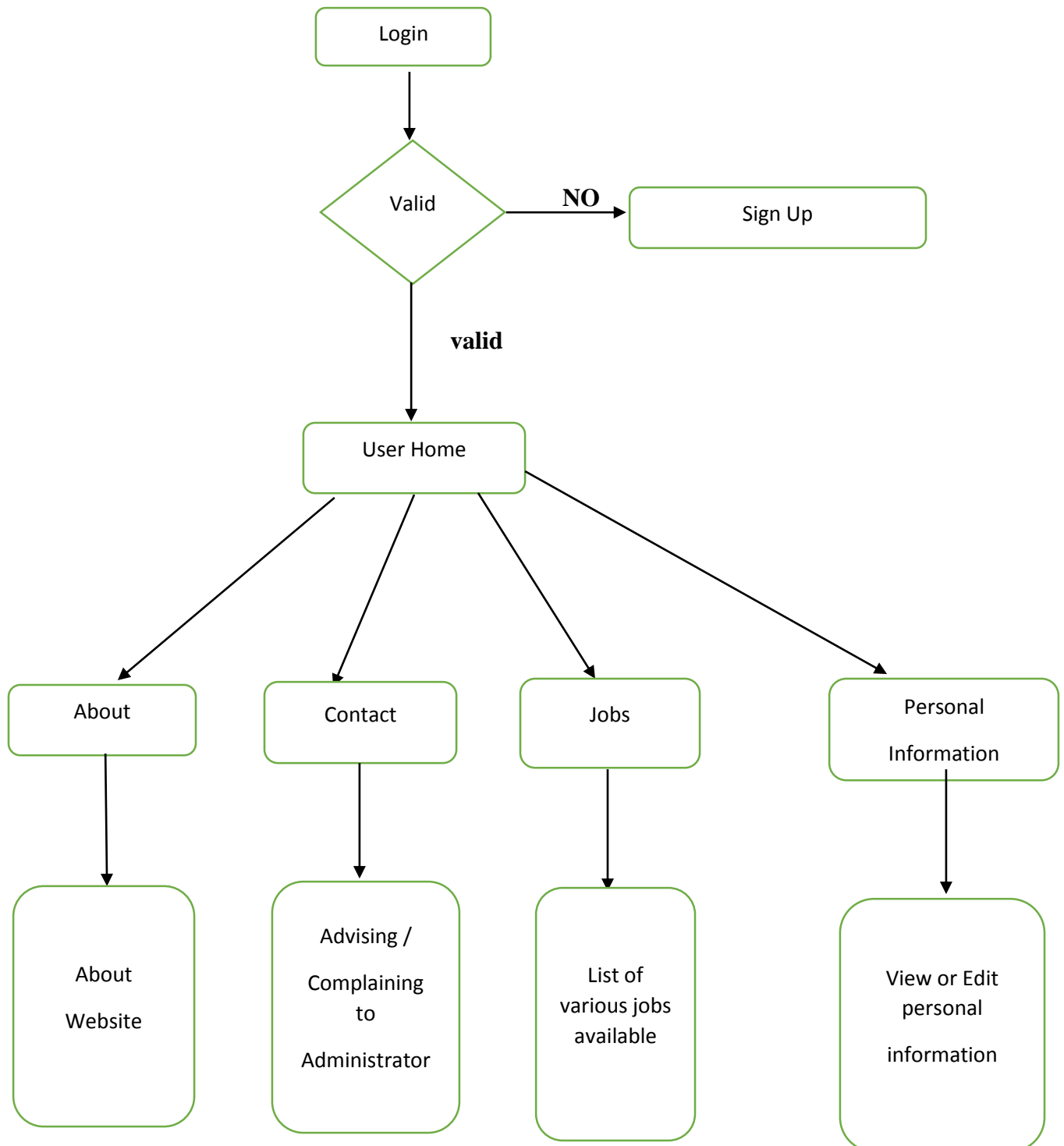
Software & Hardware requirements:

Software:

 ➢ Visual studio 2010
 ➢ Browser internet explorer, mozila firefox
 ➢ Window 7/8.1/10
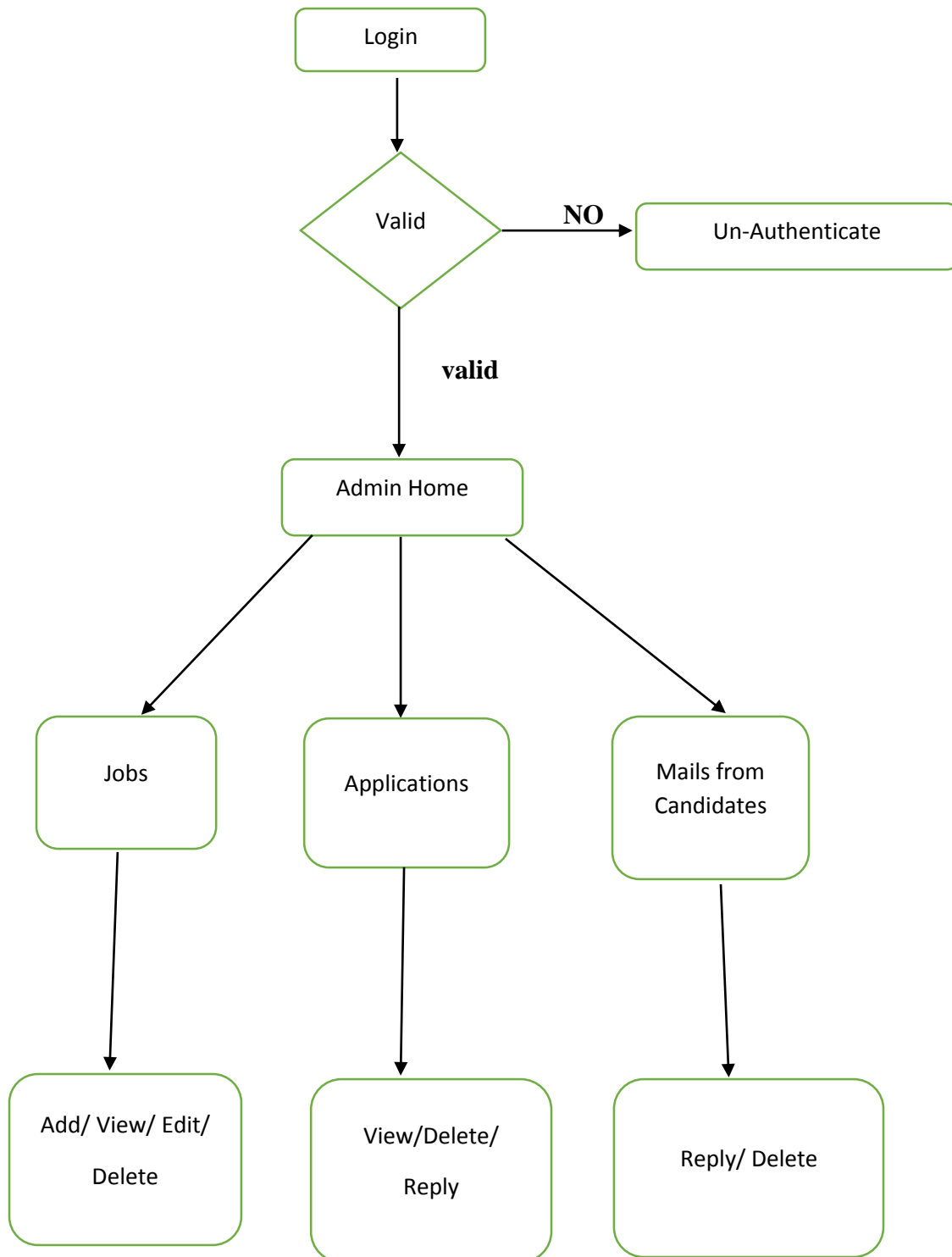 ➢ Sql server 2008
 ➢ .net framework 3.5

Hardware:

 ➢ Processor 64-bit dual core 2.5 Ghz

- ➢ Ram 50 MB
- ➢ 200 MB hard disk space

Data Flow Diagram (User Panel):

```
                        ┌──────────────┐
                        │    Login     │
                        └──────┬───────┘
                               │
                               ▼
                            ◇ Valid ◇ ──── NO ──→ ┌──────────────┐
                                                  │   Sign Up    │
                               │                  └──────────────┘
                             valid
                               │
                               ▼
                        ┌──────────────┐
                        │  User Home   │
                        └──────┬───────┘
         ┌──────────┬─────────┼──────────────┬──────────────┐
         ▼          ▼                         ▼              ▼
   ┌─────────┐ ┌─────────┐             ┌─────────┐   ┌──────────────┐
   │  About  │ │ Contact │             │  Jobs   │   │  Personal    │
   └────┬────┘ └────┬────┘             └────┬────┘   │ Information   │
        │           │                       │        └──────┬───────┘
        ▼           ▼                       ▼               ▼
   ┌─────────┐ ┌──────────┐           ┌──────────┐   ┌──────────────┐
   │  About  │ │ Advising/│           │ List of  │   │ View or Edit │
   │ Website │ │Complaining│          │ various  │   │  personal    │
   │         │ │    to    │           │  jobs    │   │              │
   │         │ │Administrator│        │available │   │ information  │
   └─────────┘ └──────────┘           └──────────┘   └──────────────┘
```

Data Flow Diagram (Admin Panel):

```
                          ┌──────────────┐
                          │    Login     │
                          └──────┬───────┘
                                 │
                                 ▼
                              ◇ Valid ◇ ──── NO ────▶ ┌──────────────────┐
                                 │                    │ Un-Authenticate  │
                                 │                    └──────────────────┘
                               valid
                                 │
                                 ▼
                          ┌──────────────┐
                          │  Admin Home  │
                          └──────┬───────┘
             ┌───────────────────┼───────────────────┐
             ▼                   ▼                   ▼
       ┌──────────┐       ┌──────────────┐   ┌──────────────┐
       │   Jobs   │       │ Applications │   │  Mails from  │
       │          │       │              │   │  Candidates  │
       └─────┬────┘       └──────┬───────┘   └──────┬───────┘
             │                   │                   │
             ▼                   ▼                   ▼
     ┌──────────────┐    ┌──────────────┐    ┌──────────────┐
     │ Add/ View/   │    │ View/Delete/ │    │ Reply/ Delete│
     │ Edit/        │    │              │    │              │
     │ Delete       │    │ Reply        │    │              │
     └──────────────┘    └──────────────┘    └──────────────┘
```

About ASP.NET:

ASP.Net is a website development platform, which provides a programming development model, a comprehensive software infrastructure and various services required to build up robust web application for pc, as well as mobile devices.

ASP.Net work on the top of the HTTP commands and policies to set browser to server bilateral communication and corporation.

ASP.Net is a part of Microsoft .Net platform. ASP.Net applications are compiled codes, written using the extensible and reusable components or objects present in .Net framework. These code can use the entire hierarchy of class in the .Net framework.

The ASP.Net application codes can be written in any of the following languages:

- C#
- Visual Basic.Net
- Jscript
- J#

ASP.Net is used to produce interactive, data driven web applications over the internet. It consists of a large number of controls for assembling and configuring code in HTML pages.

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MAJOR PROJECT SYNOPSIS REPORT ON

JOB PORTAL

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