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| **<Hospital>** |
| **Functional Specification Design Document** |
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| Version | : | 1.0 |
| Last Update | : | 24.8.2022 |
| Total Page Count | : | 29 |

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**Version History**

| **Version** | **Date** | **By** | **Change Summary** |
| --- | --- | --- | --- |
| -- | -- | -- | * Initial Draft |
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# Introduction

## Purpose

Dokumen ini bersifat sebagai dokumen addendum dari VO yang telah disepakati, yang tercantum dalam dokumen ini hanyalah perubahan-perubahan yang terjadi terhadap aplikasi. Dokumen ini dibuat berdasarkan dokumen VO.

## Convention

Berikut beberapa istilah yang digunakan dalam dokumen ini

### Field Type

|  |  |
| --- | --- |
| **Abbreviation** | **Description** |
| TSL | Textbox Single Line |
| TML | Textbox Multiple Line |
| DDL | Dropdown List |
| CKB | Check Box |
| RDB | Radio Button |
| LBL | Label |
| DPL | Date Pick List  calendar |
| SCH | Search  search |

**Table 1 - Table Field Type**

### Data Type

|  |  |
| --- | --- |
| **Abbreviation** | **Description** |
| NUM (<length>,<decimal length>) | Numeric |
| APB (<length>) | Alphabet |
| APN (<length>) | Alphanumeric |
| DTE | Date |
| DTM | Date and Time |

**Table 2 - Table Data Type**

### Field Status

|  |  |
| --- | --- |
| **Abbreviation** | **Description** |
| M | Mandatory |
| O | Optional |
| D | Display |
| C | Sistem calculated |

**Table 3 -Table Field Status**

### Controls Type

|  |  |
| --- | --- |
| **Abbreviation** | **Description** |
| BTN | Button  button |
| HYP | Hyperlink  View | Edit |
| TAB | Tab |

**Table 4 -Table Controls Type**

# Functional Design

## System Overview

System di bentuk untuk memudahkan rumah sakit untuk menginput dan memberikan treatments pada pasien, sehingga rumah sakit berjalan dengan lebih efisien serta memiliki data dalam bentuk digital

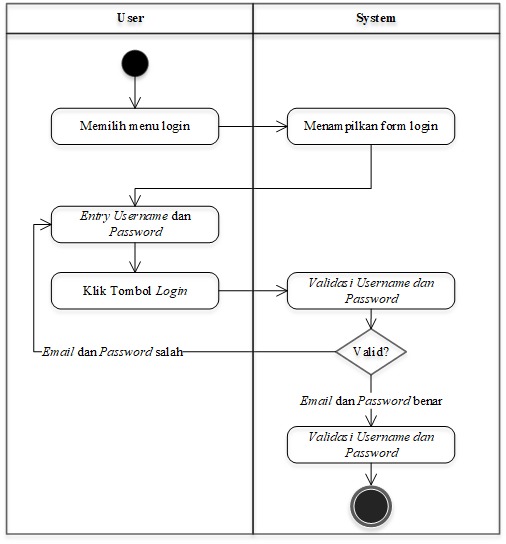
## Halaman Login

Dihalaman ini berfungsi untuk menginput username dan password,yang dimiliki user untuk bias mengakses halaman lain.

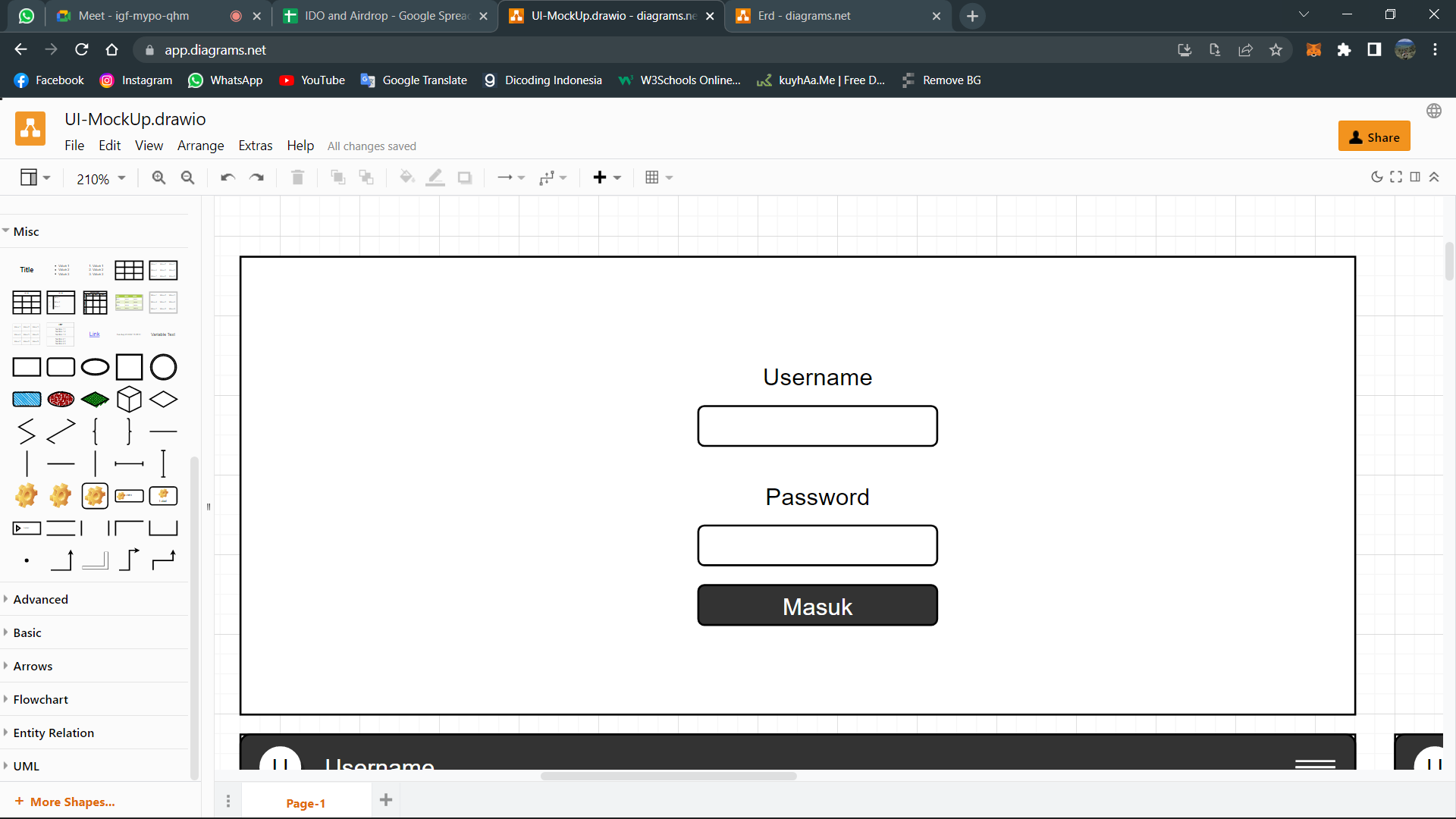
### Use Case



### Activity Diagram



### User Interface



### Field Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Nama Field | Type | Size | Keterangan |
| 1 | User Name | APN | 255 | Untuk kebutuhan login dari setiap users Hospital |
| 2 | Password | APN | 255 | Untuk kebutuhan login dari setiap users Hospital |

**Table 5 – Field Description Halaman Login**

### Action Control

|  |  |  |
| --- | --- | --- |
| **Abbreviation** | **Description** | **Action** |
| BTN | Button | if (role == "USER\_TYPE\_ADMIN") {                  navigate("/SuperAdmin");              } else {                  navigate("/Doctors");              } |

**Table 6 – Action Control Halaman Login**

## Halaman LandingPage Admin

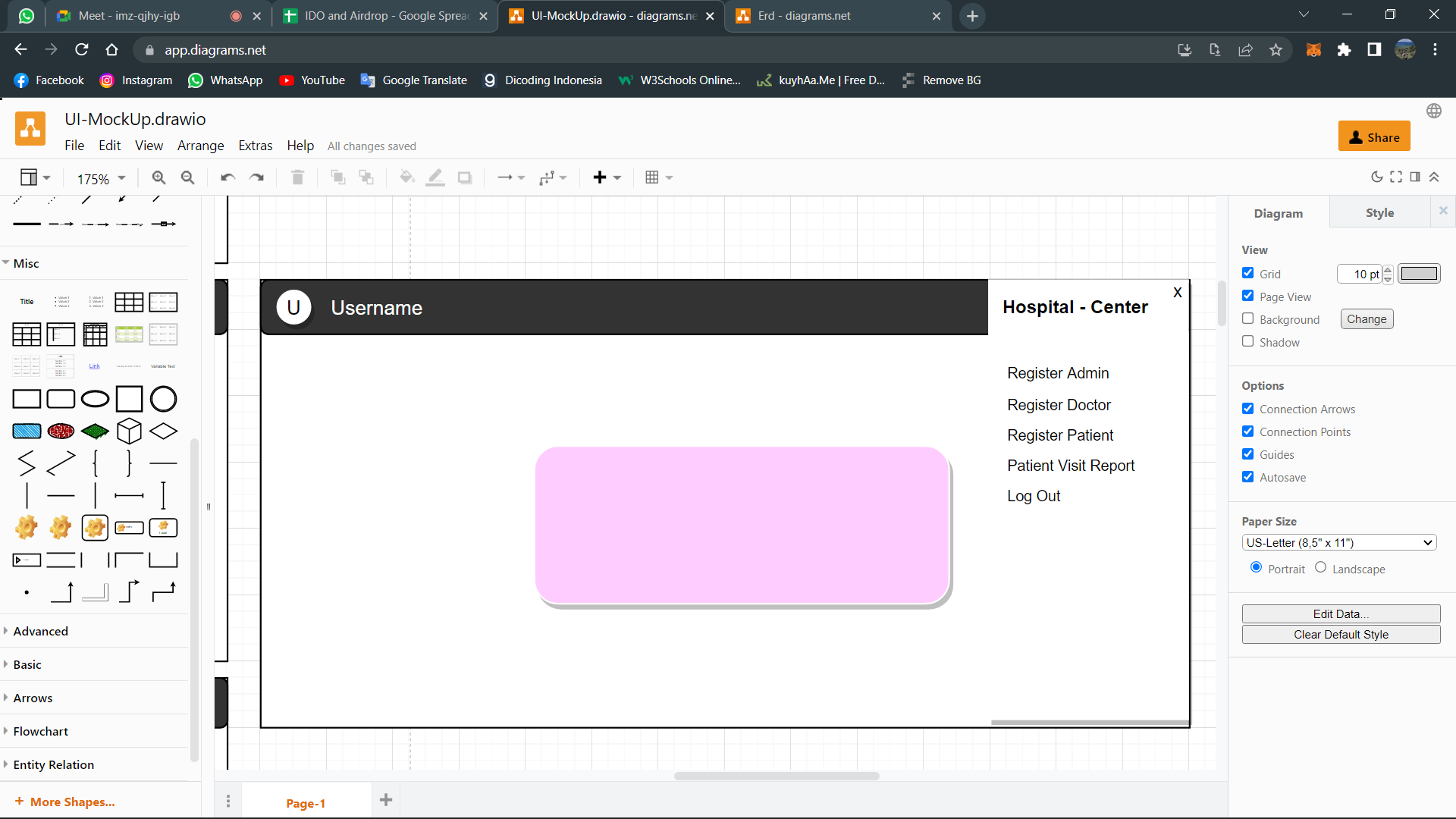
### Use Case



### Activity Diagram



### User Interface



### Field Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Nama Field | Type | Size | Keterangan |
| 1 |  |  |  |  |

**Table 7 – Field Description Halaman Landing Page Admin**

### Action Control

|  |  |  |
| --- | --- | --- |
| **Abbreviation** | **Description** | **Action** |
| BTN | Button | /EditUser |
| BTN | Button | Side bar -> Register admin, doctor, patient, patient visit report. logout |

**Table 8 – Action Control Halaman Landing Page Admin**

## Halaman Register Admin

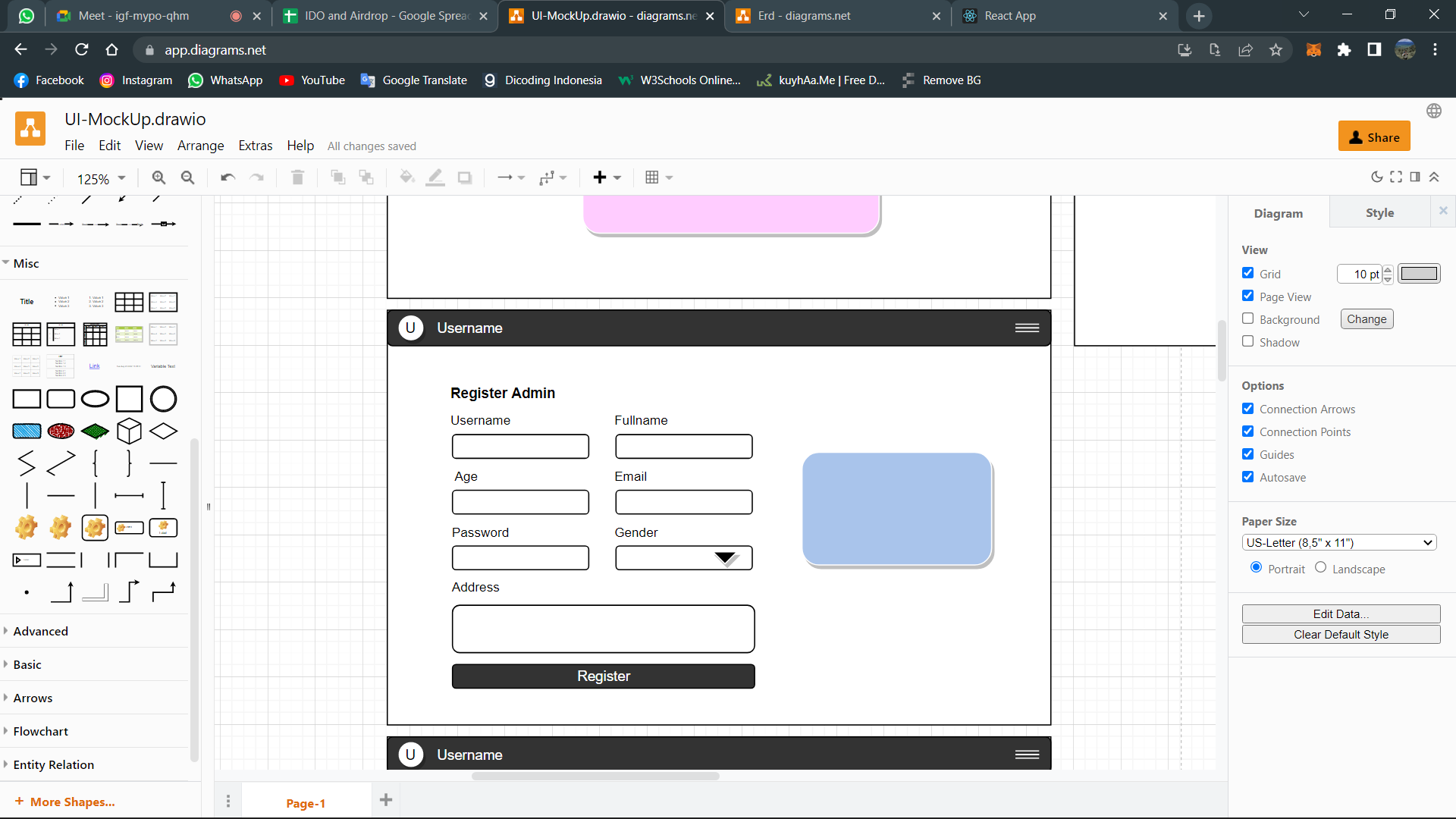
### Use Case



### Activity Diagram



### User Interface



### Field Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Nama Field | Type | Size | Keterangan |
| 1 | User Name | APN | 255 |  |
| 2 | Full Name | APN | 255 |  |
| 3 | Age | NUM | 20 |  |
| 4 | Email | APN | 255 |  |
| 5 | Password | APN | 255 |  |
| 6 | Gender | APB | 255 |  |
| 7 | Address | APN | 255 |  |

**Table 9 – Field Description Halaman Register Admin**

### Action Control

|  |  |  |
| --- | --- | --- |
| **Abbreviation** | **Description** | **Action** |
| BTN | Button |  |

**Table 10 – Action Control Halaman Register Admin**

## Halaman Register Doctor

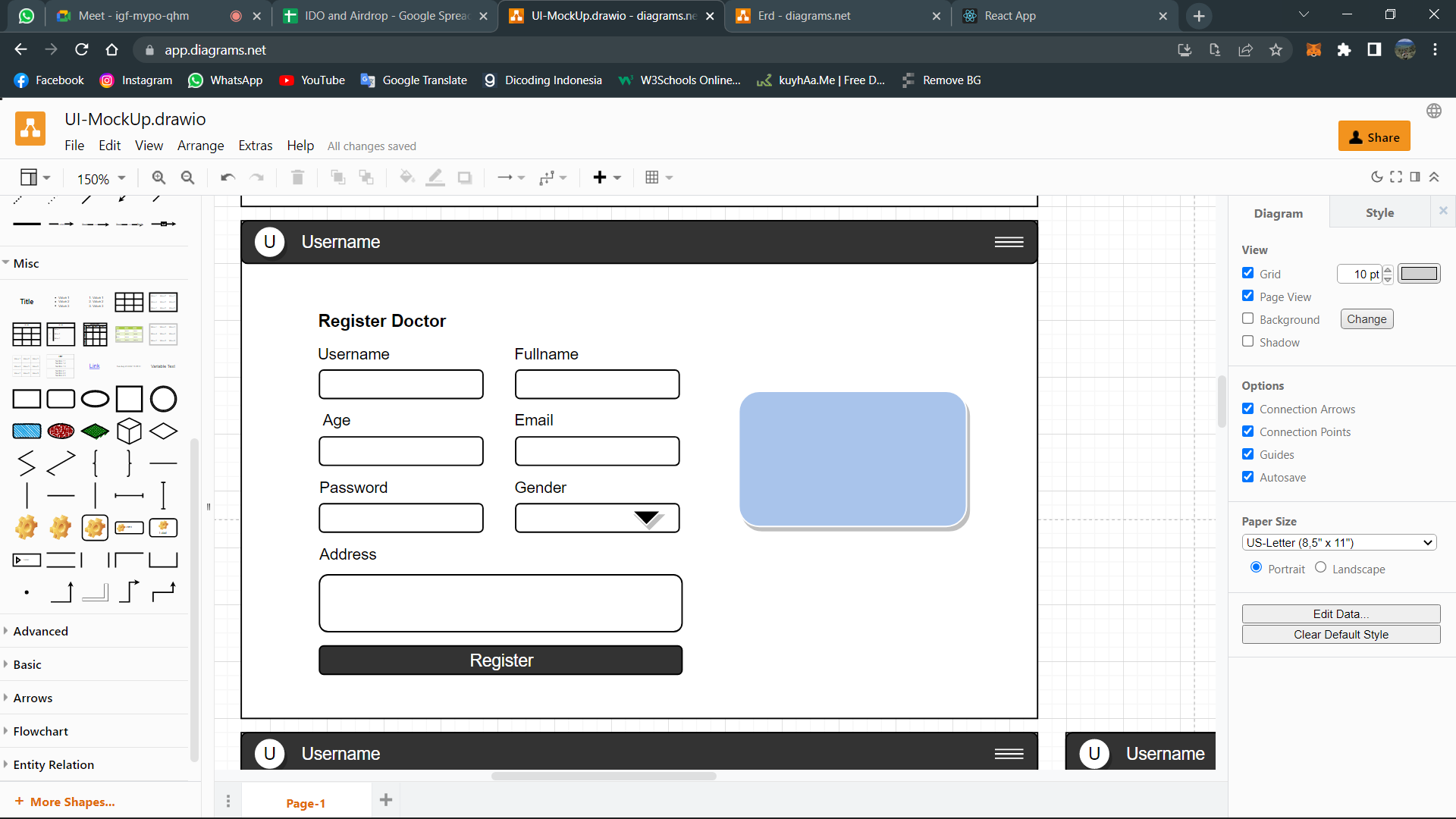
### Use Case



### Activity Diagram



### User Interface



### Field Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Nama Field | Type | Size | Keterangan |
| 1 | User Name | APN | 255 |  |
| 2 | Full Name | APN | 255 |  |
| 3 | Age | NUM | 20 |  |
| 4 | Email | APN | 255 |  |
| 5 | Password | APN | 255 |  |
| 6 | Gender | APB |  |  |
| 7 | Address | APN | 255 |  |

**Table 11 – Field Description Halaman Register Doctor**

### Action Control

|  |  |  |
| --- | --- | --- |
| **Abbreviation** | **Description** | **Action** |
| BTN | Button |  |

**Table 12 – Action Control Halaman Register Doctor**

## Halaman Register Patient

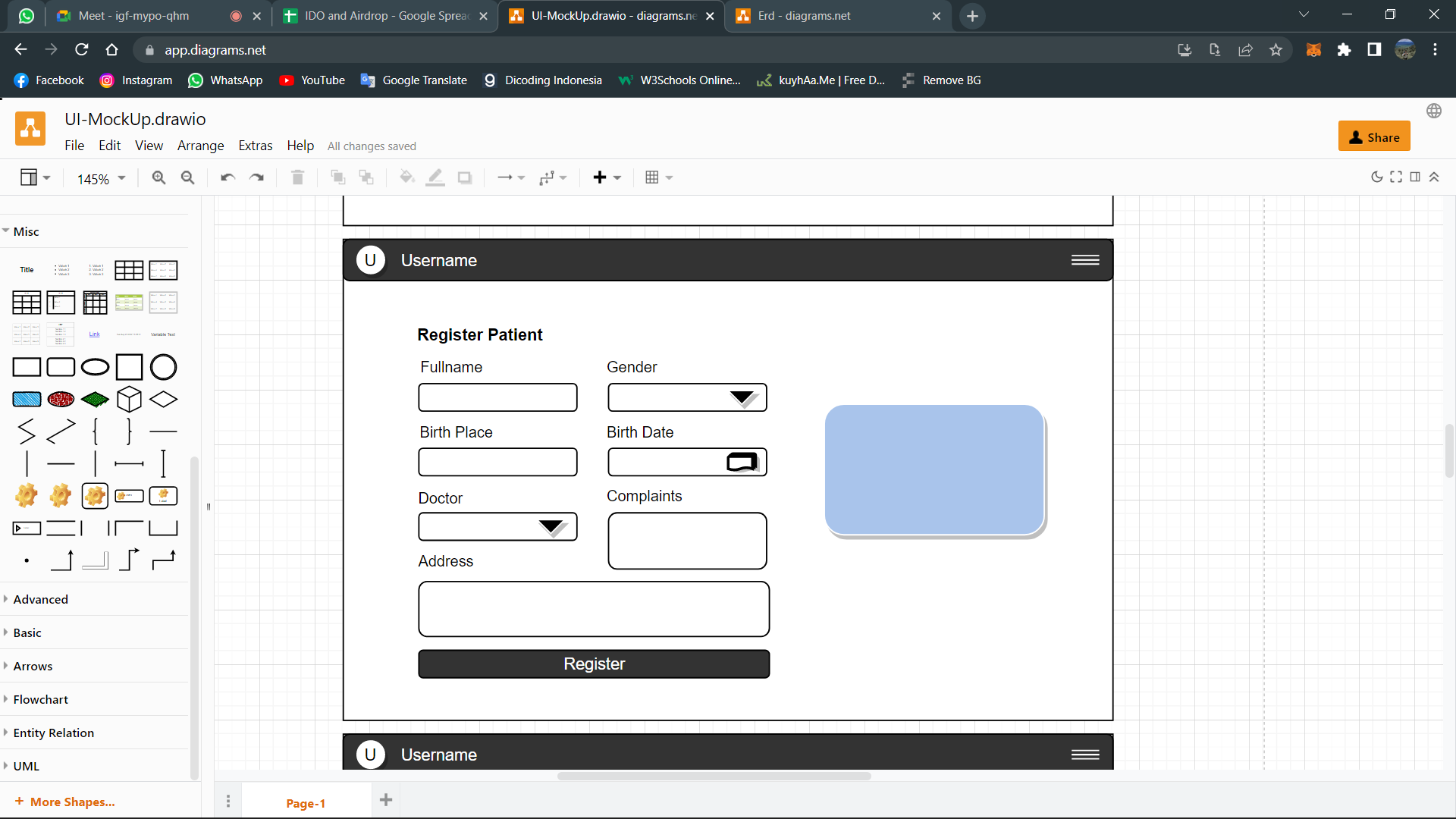
### Use Case



### Activity Diagram



### User Interface



### Field Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Nama Field | Type | Size | Keterangan |
| 1 | Full Name | APN | 255 |  |
| 2 | Gender | APN | 255 |  |
| 3 | Birth Date | DATe | 20 |  |
| 4 | Birth Place | APN | 255 |  |
| 5 | Doctor | APN | 255 |  |
| 6 | Complaints | APB | 255 |  |
| 7 | Address | APN | 255 |  |

**Table 13 – Field Description Halaman Register Patient**

### Action Control

|  |  |  |
| --- | --- | --- |
| **Abbreviation** | **Description** | **Action** |
| BTN | Button |  |

**Table 14 – Action Control Halaman Register Patient**

## Halaman View Patients By Id Doctor

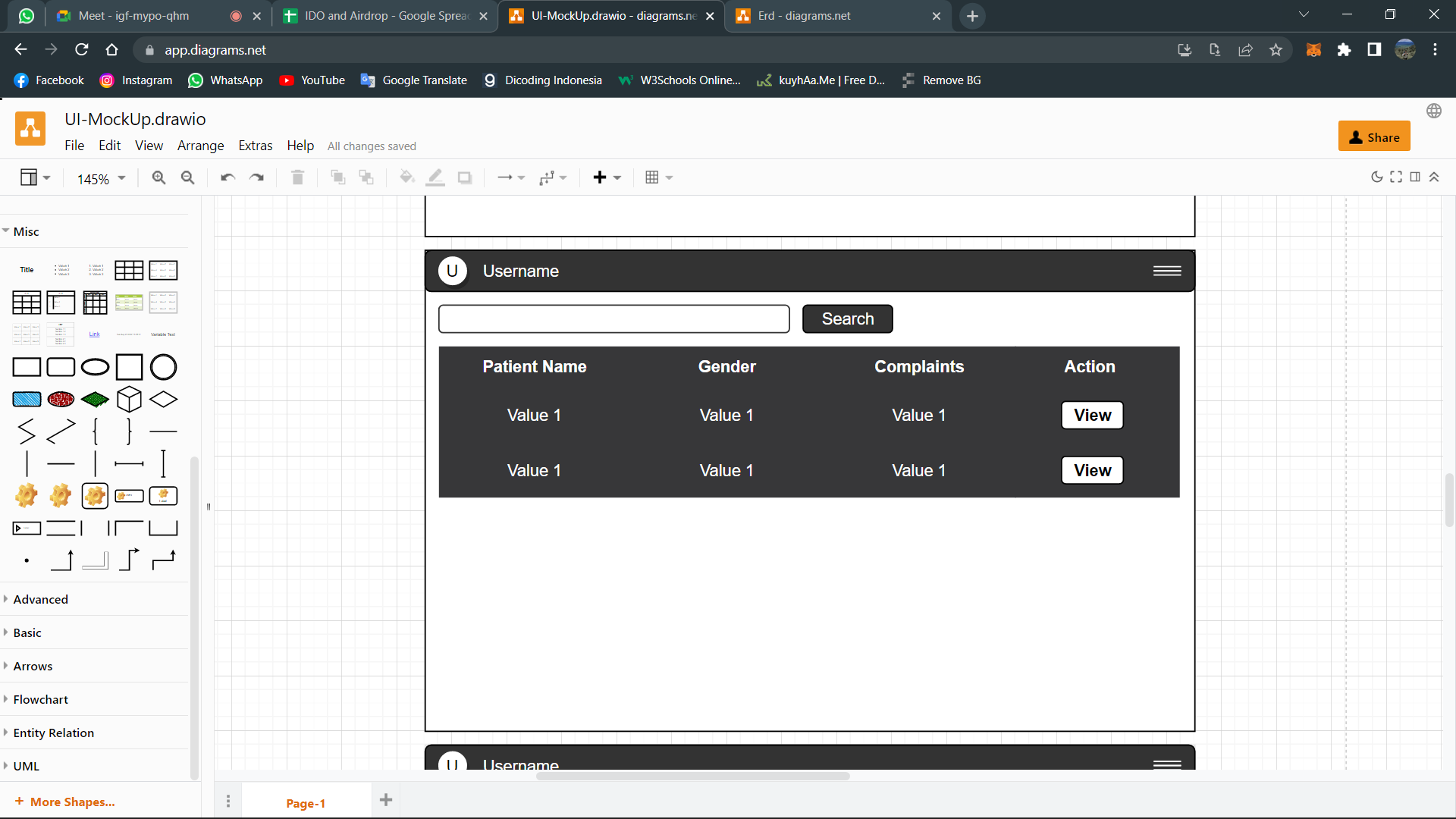
### Use Case



### Activity Diagram



### User Interface



### Field Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Nama Field | Type | Size | Keterangan |
| 1 | Patient Name | APN | 255 |  |
| 2 | Gender | APN | 255 |  |
| 3 | Complaints | APN | 255 |  |
| 4 | Action | BTN |  |  |

**Table 15 – Field Description Halaman View Patient By Id Doctor**

### Action Control

|  |  |  |
| --- | --- | --- |
| **Abbreviation** | **Description** | **Action** |
| BTN | Button |  |
| BTN | Button |  |

**Table 16 – Action Control Halaman View Patient By Id Doctor**

## Halaman Patient Detail

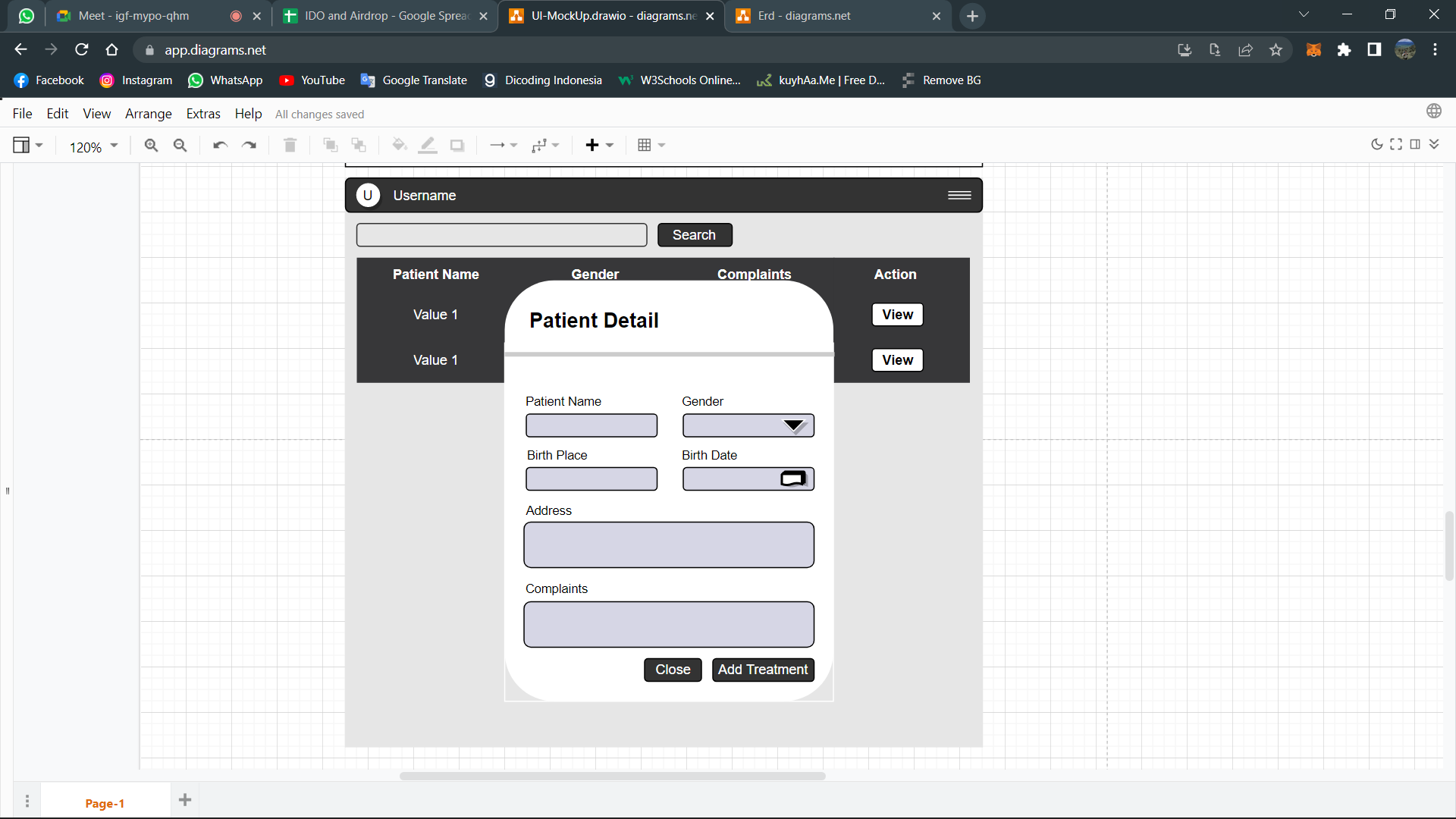
### Use Case



### Activity Diagram



### User Interface



### Field Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Nama Field | Type | Size | Keterangan |
| 1 | Patient Name | APN | 255 |  |
| 2 | Gender | APN | 255 |  |
| 3 | Birth Place | APN | 255 |  |
| 4 | Birth Date | BTN |  |  |
| 5 | Address | APN | 255 |  |
| 6 | Complaints | APN | 255 |  |

**Table 17 – Field Description Halaman Patient Detail**

### Action Control

|  |  |  |
| --- | --- | --- |
| **Abbreviation** | **Description** | **Action** |
| BTN | Button |  |
| BTN | Button |  |

**Table 18 – Action Control Halaman Patient Detail**

## Halaman Giving Treatment

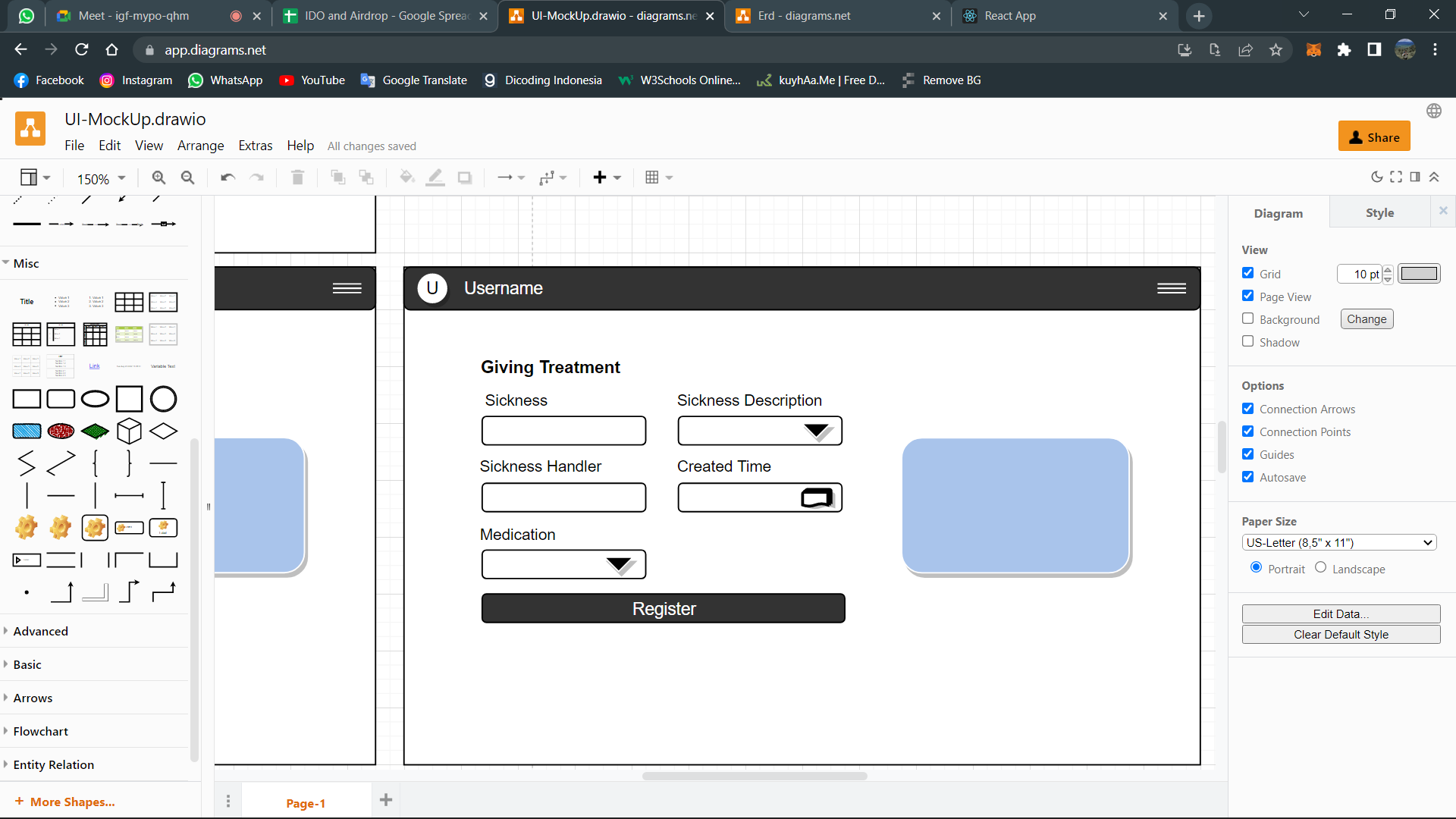
### Use Case



### Activity Diagram



### User Interface



### Field Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Nama Field | Type | Size | Keterangan |
| 1 | Sickness | APN | 255 |  |
| 2 | Sickness Description | APN | 255 |  |
| 3 | Sickness Handler | APN | 255 |  |
| 4 | Created Time | APN | 255 |  |
| 5 | Medication | APN | 255 |  |

**Table 19 – Field Description Halaman Giving Treatment**

### Action Control

|  |  |  |
| --- | --- | --- |
| **Abbreviation** | **Description** | **Action** |
| BTN | Button |  |

**Table 20 – Action Control Halaman Giving Treatment**

## ERD

