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| **<Hospital>** |
| **Functional Specification Design Document** |
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| Author | : | * Muhammad Randy Maulana * Rena Dian Puspita * Nuzul Fithra Ryaldi |
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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

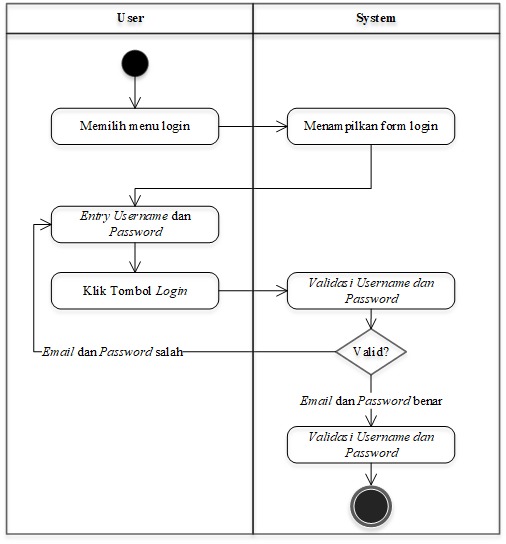
System di bentuk untuk memudahkan rumah sakit untuk menginput,dan memberikan treatments pada pasien,sehingga rumah sakit berjalan dengan lebih efisien serta memiliki data dalam bentuk digital

## Halaman Login

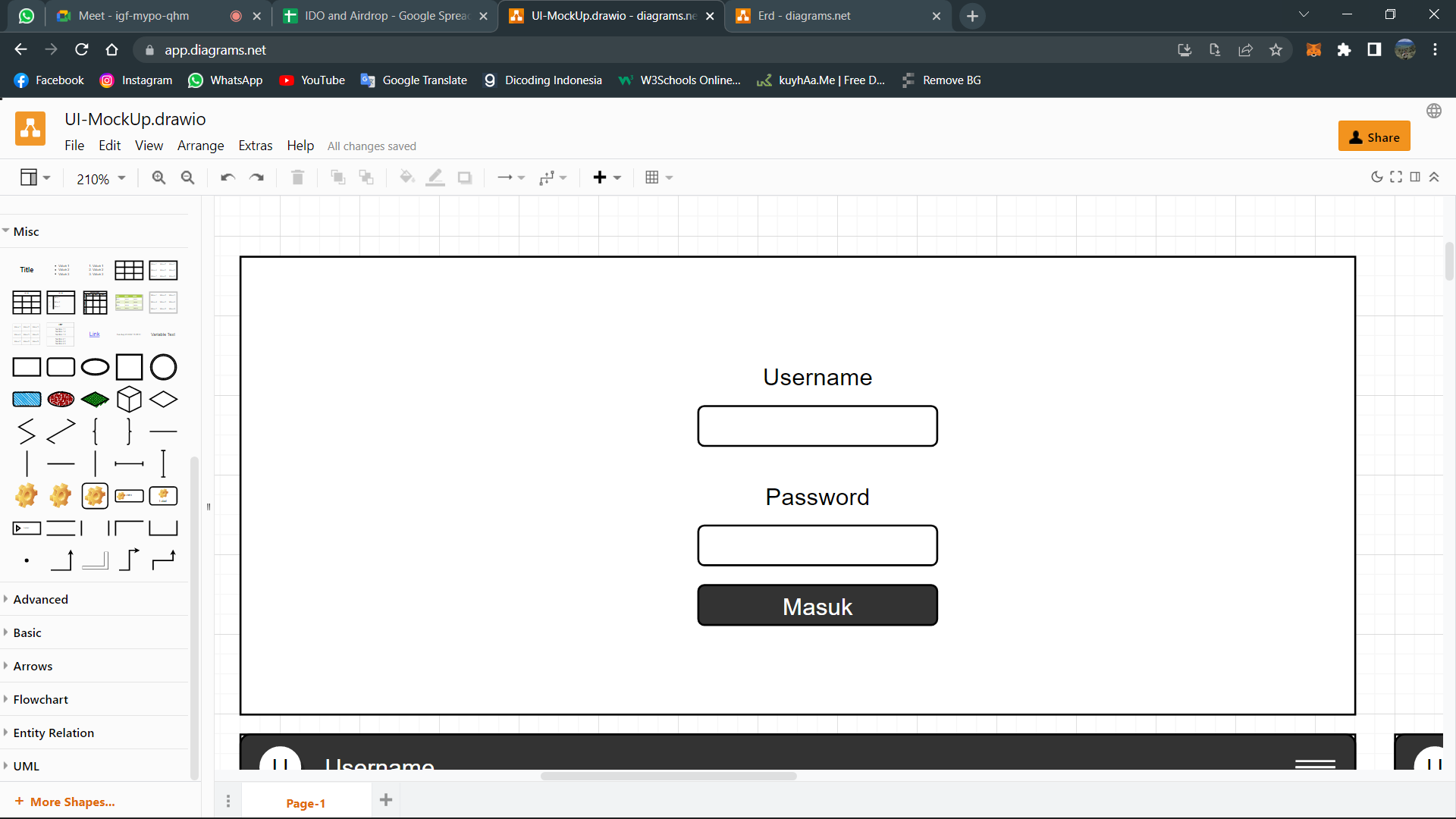
Dihalaman ini berfungsi untuk menginput username dan password,yang dimiliki user untuk bias mengakses halaman lain.

### 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 |

### Action Control

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

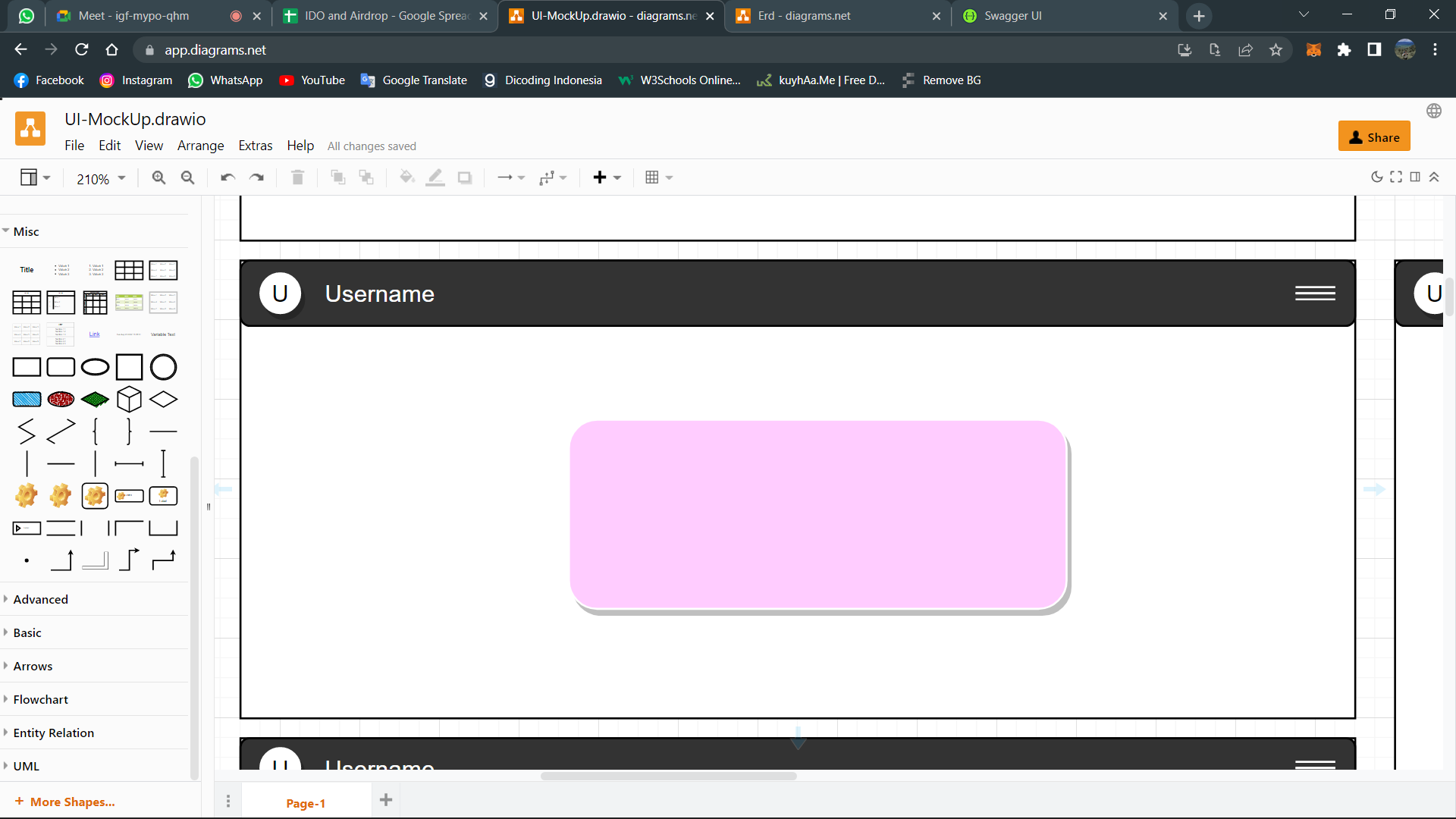
## Halaman LandingPage Admin

### Use Case

### Activity Diagram



### User Interface



### Field Description

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

### Action Control

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

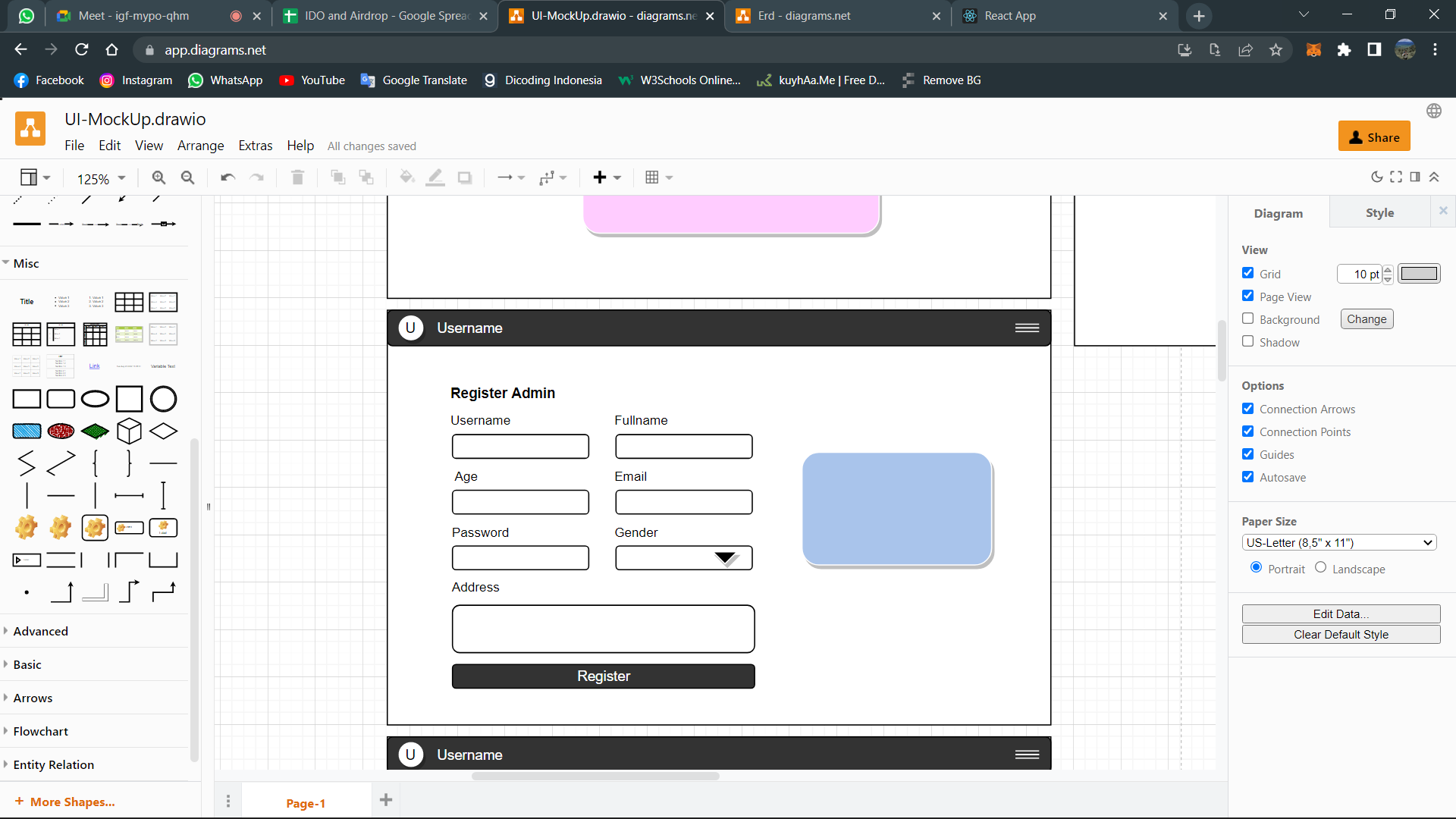
## Halaman Register Admin

### 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 |  |

### Action Control

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

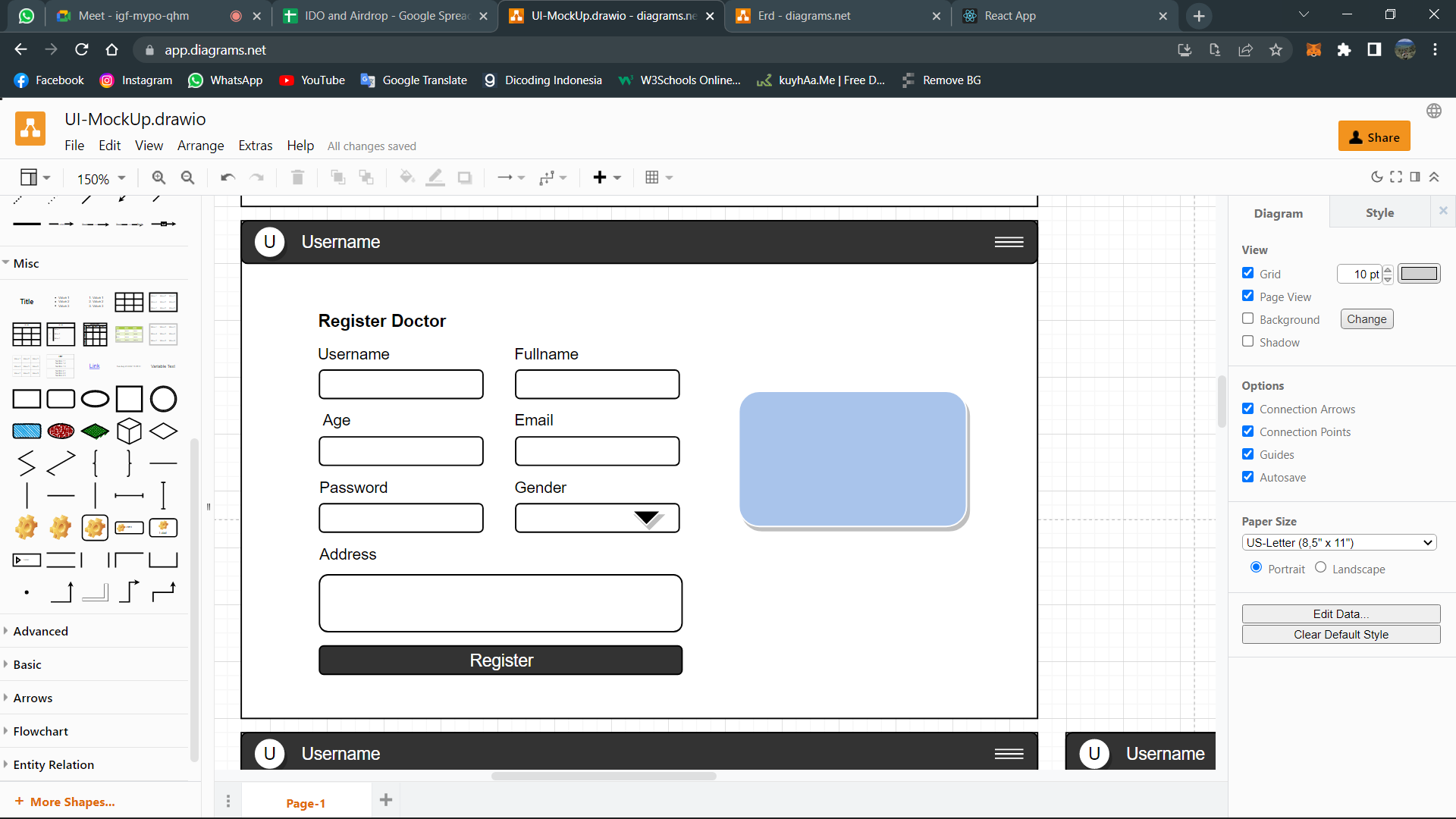
## Halaman Register Dokter

### 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 |  |

### Action Control

|  |  |  |
| --- | --- | --- |
| **Abbreviation** | **Description** | **Action** |
| BTN | Button | navigate("/SuperAdmin"); |

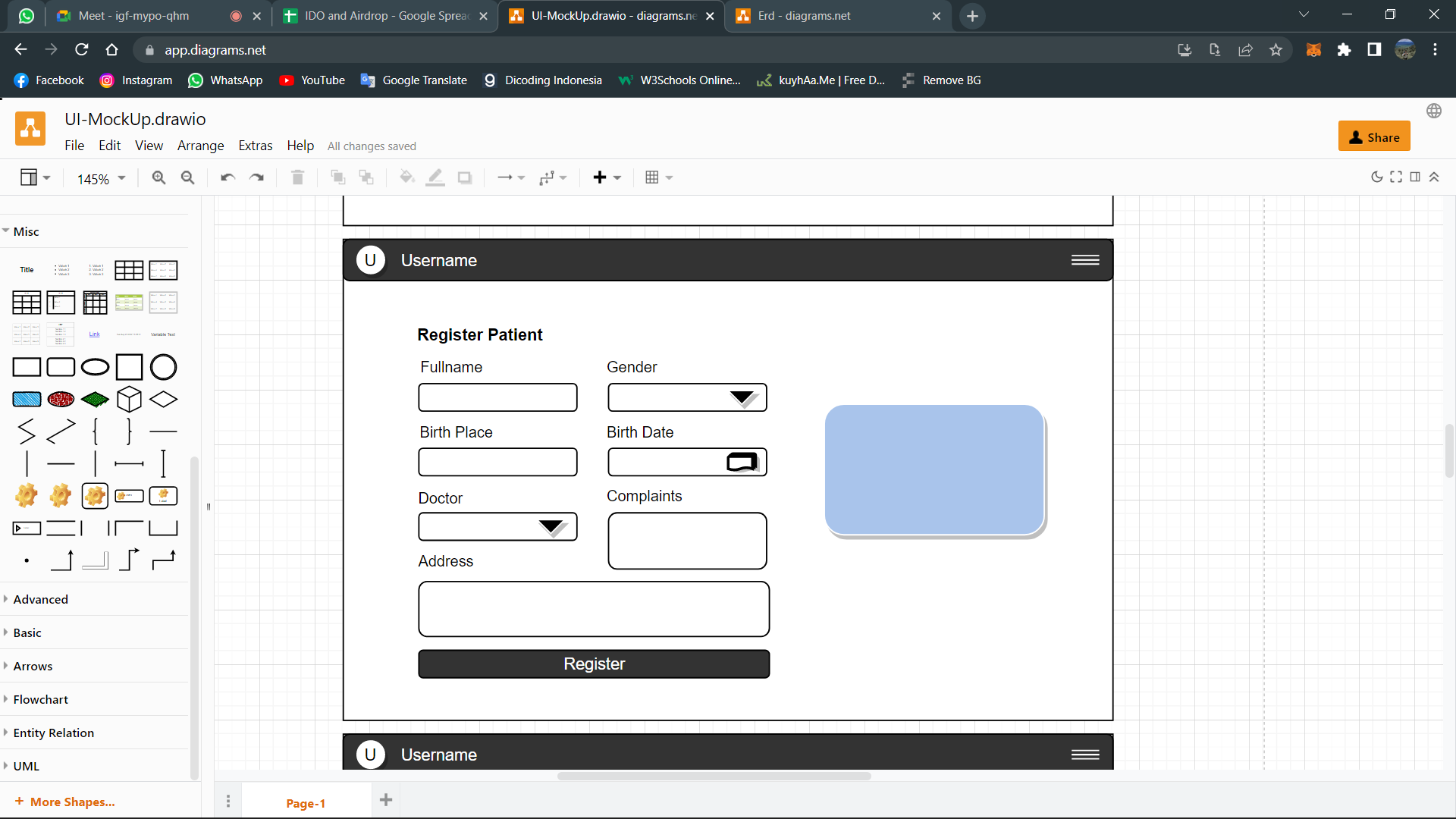
## Halaman Register Patient

### 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 |  |

### Action Control

|  |  |  |
| --- | --- | --- |
| **Abbreviation** | **Description** | **Action** |
| BTN | Button | navigate("/SuperAdmin"); |

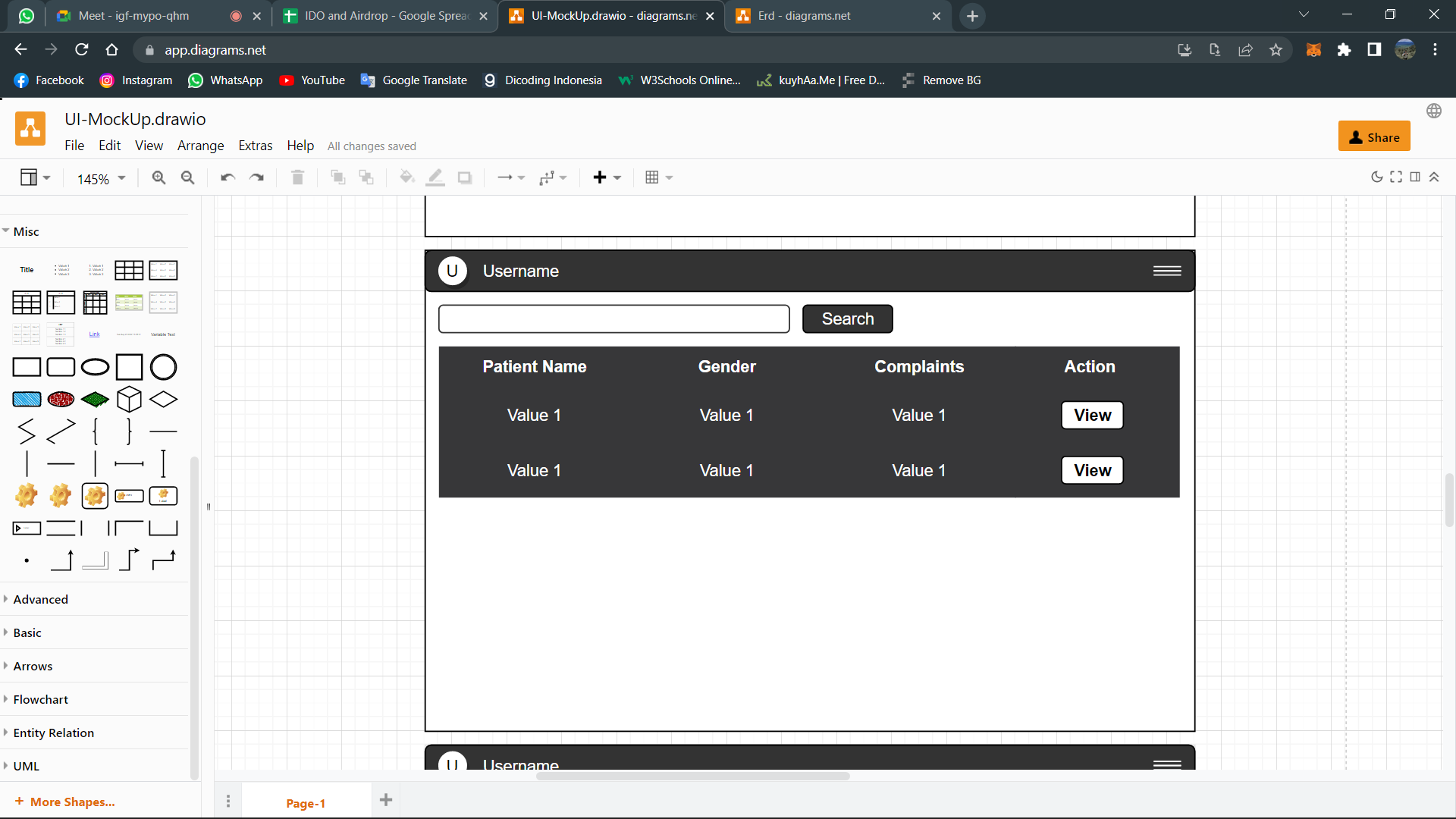
## Halaman View Patients By Id Doctor

### 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 |  |  |

### Action Control

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

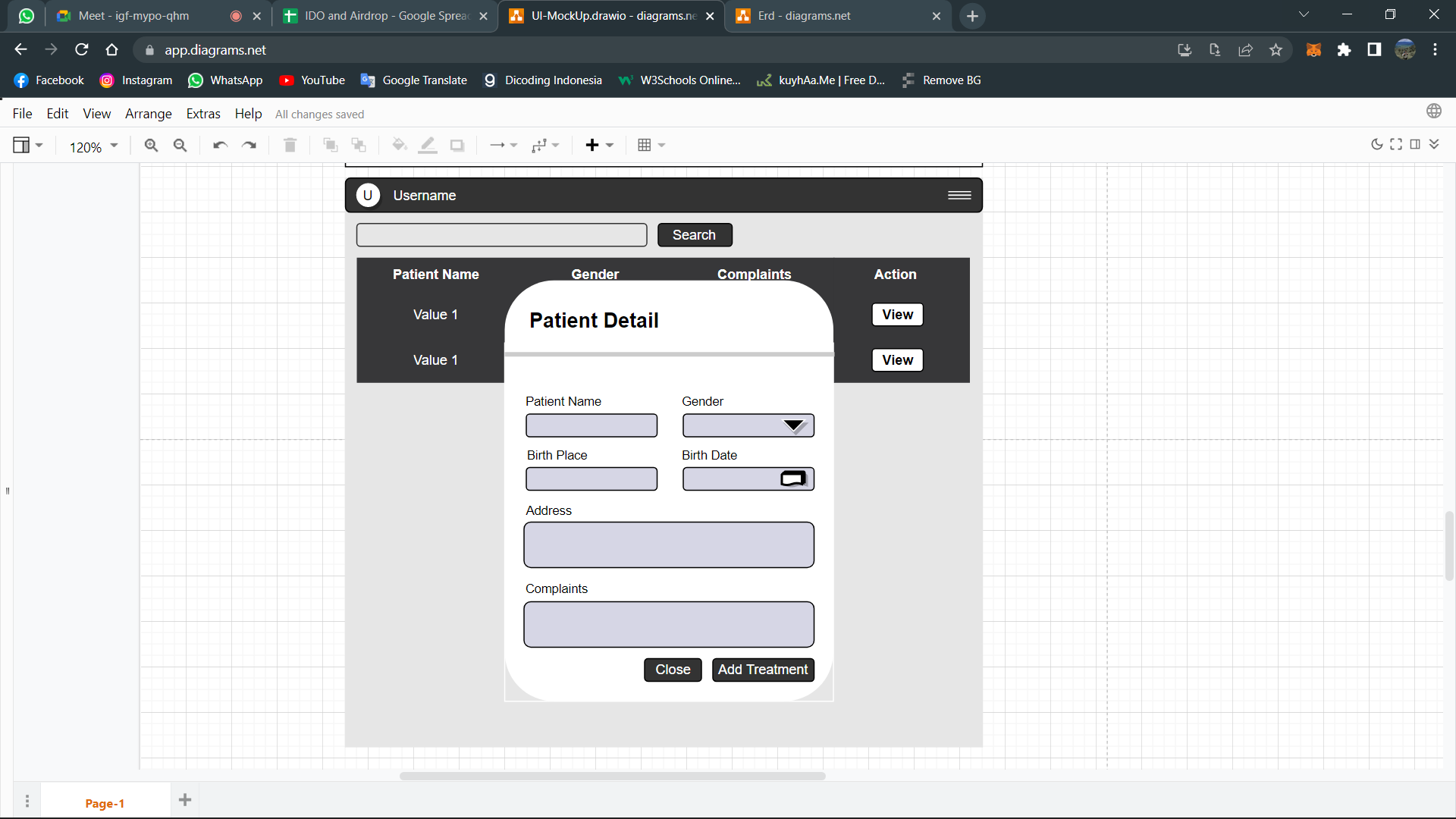
## Halaman Patient Detail

### 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 |  |

### Action Control

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

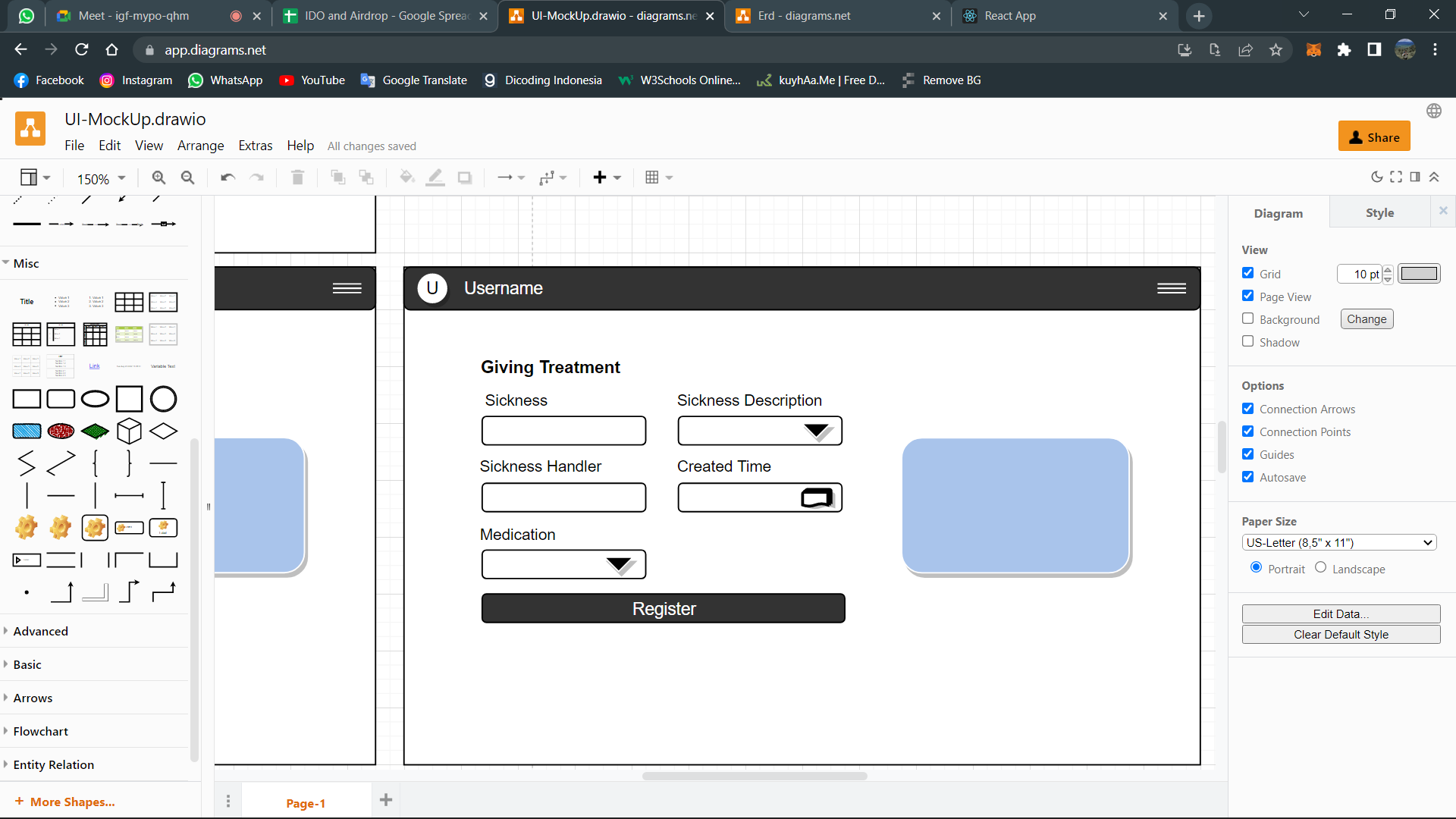
## Halaman Giving Treatment

### 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 |  |

### Action Control

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