**Employee App Report**

Name: Yixuan Li

**Content**:

[1 Introduction 2](#_Toc514242287)

[1.1 Implementation Technique 2](#_Toc514242288)

[1.1.1 MATLAB 2](#_Toc514242289)

[1.1.2 App Designer 2](#_Toc514242290)

[1.2 Application of Technology 2](#_Toc514242291)

[2 Development Tool and Environment 2](#_Toc514242292)

[2.1 Software Tools 2](#_Toc514242293)

[2.2 Environment 2](#_Toc514242294)

[3 System Analysis and Design 2](#_Toc514242295)

[3.1 Requirements analysis 2](#_Toc514242296)

[3.2 Use Case Diagram 2](#_Toc514242297)

[3.3 Data Flow Analysis 2](#_Toc514242298)

[3.4 Data Structure 3](#_Toc514242299)

[3.4.1 Model 3](#_Toc514242300)

[3.4.2 View 3](#_Toc514242301)

[3.4.3 Controller 3](#_Toc514242302)

[4 System Implementation 3](#_Toc514242303)

[4.1 Function Implementation 3](#_Toc514242304)

[4.2 Graphical User Interface 3](#_Toc514242305)

[5 Testing 3](#_Toc514242306)

[6 Summarization 3](#_Toc514242307)

[6.1 Summarization 3](#_Toc514242308)

[6.2 Prospect 3](#_Toc514242309)

[6.3 Puzzles 3](#_Toc514242310)

# 1 Introduction

Create an employee app using MATLAB and App Designer

## 1.1 Implementation Technique

### 1.1.1 MATLAB

### 1.1.2 App Designer

## 1.2 Application of Technology

# 2 Development Tool and Environment

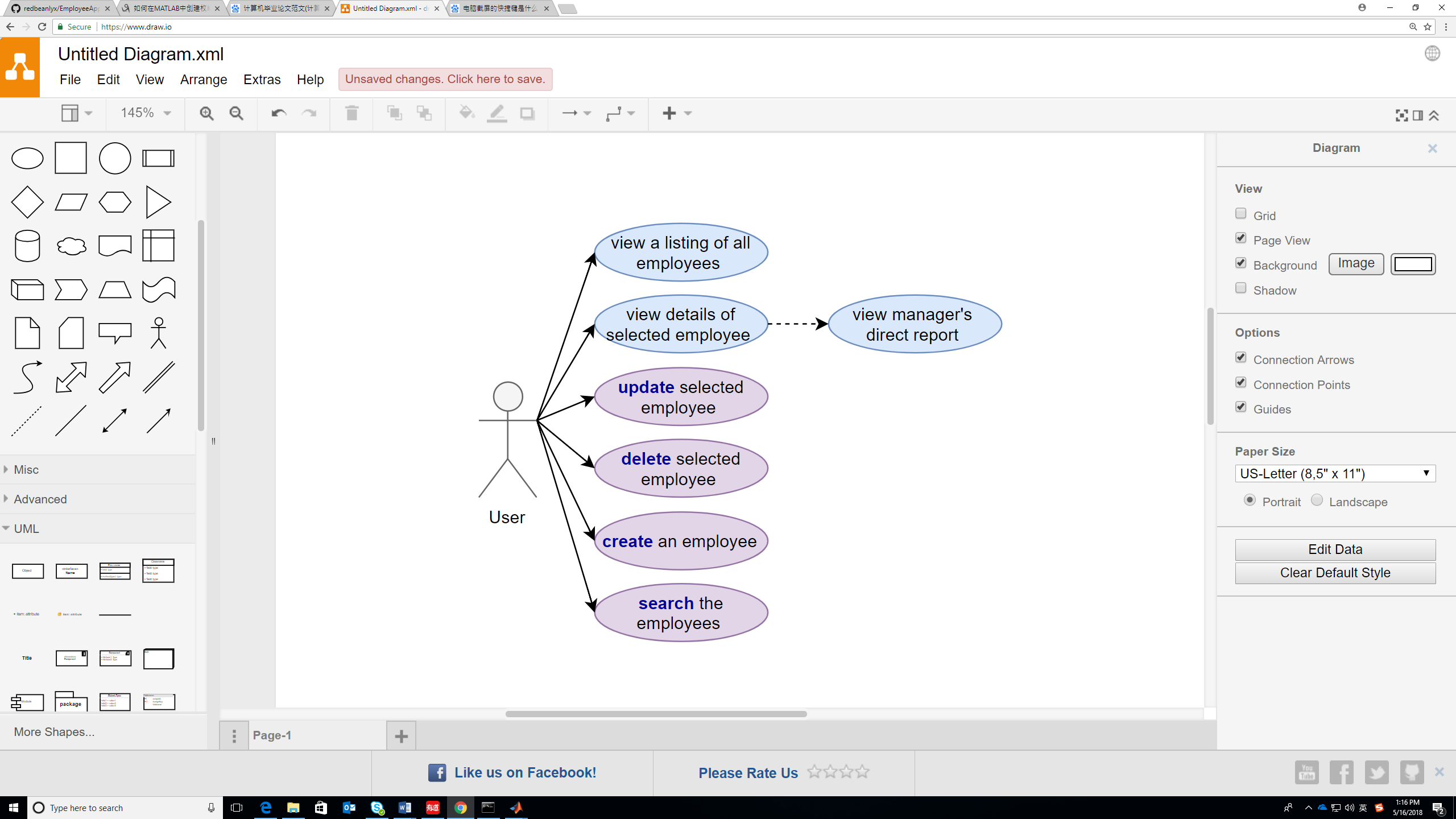
## 2.1 Software Tools

## 2.2 Environment

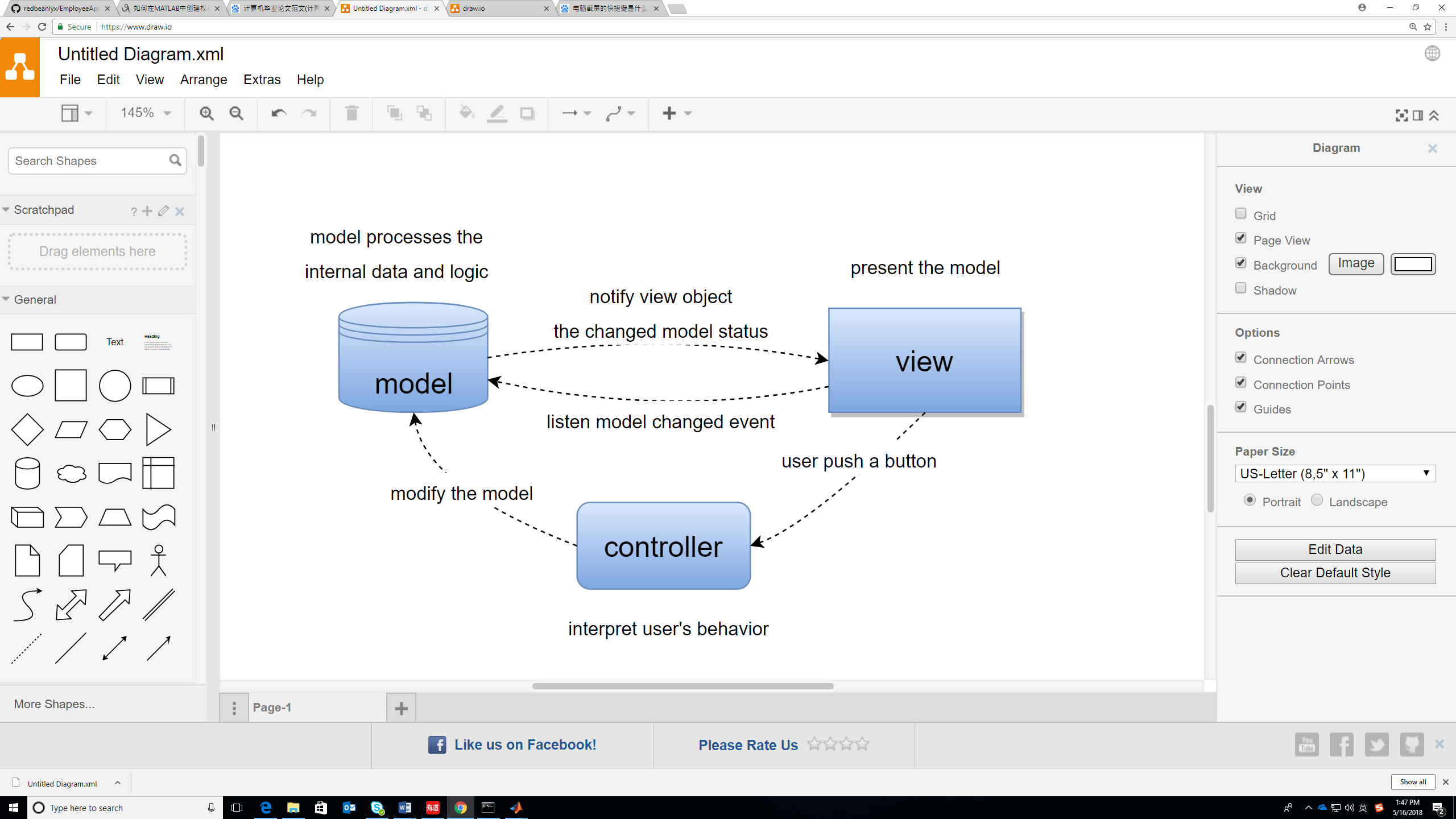
# 3 System Analysis and Design

## 3.1 Requirements analysis

## 3.2 Use Case Diagram



## 3.3 Data Flow Analysis



## 3.4 Data Structure

### 3.4.1 Model

### 3.4.2 View

### 3.4.3 Controller

# 4 System Implementation

## 4.1 Function Implementation

## 4.2 Graphical User Interface

# 5 Testing

# 6 Summarization

## 6.1 Summarization

## 6.2 Prospect

* Connect to the database to persist the data
* Upload profile photo

## 6.3 Puzzles

* What is the naming convention in our team?
* Couldn’t modify the constructor in app designer
* Open \*.m file in app designer
* Repeatly open the same file in a lot of windows