

# DLBCSPJWD01-Project Java Web Development

Name:	Huseyin
Lastname:	Ozdogan
Marticulation No:	92111877
Project Github Link:	<a href="https://github.com/Dan88Hus/hdo.git">https://github.com/Dan88Hus/hdo.git</a>
Project Deployed Link:	<a href="https://pjwd01.herokuapp.com/">https://pjwd01.herokuapp.com/</a>

# Purpose of web application

- HDO is a fiction company and wants to intro company to public web users,
- Company owner wants to use application for marketing reason to display past project pictures and potential customer can contact with company by email directly on application.

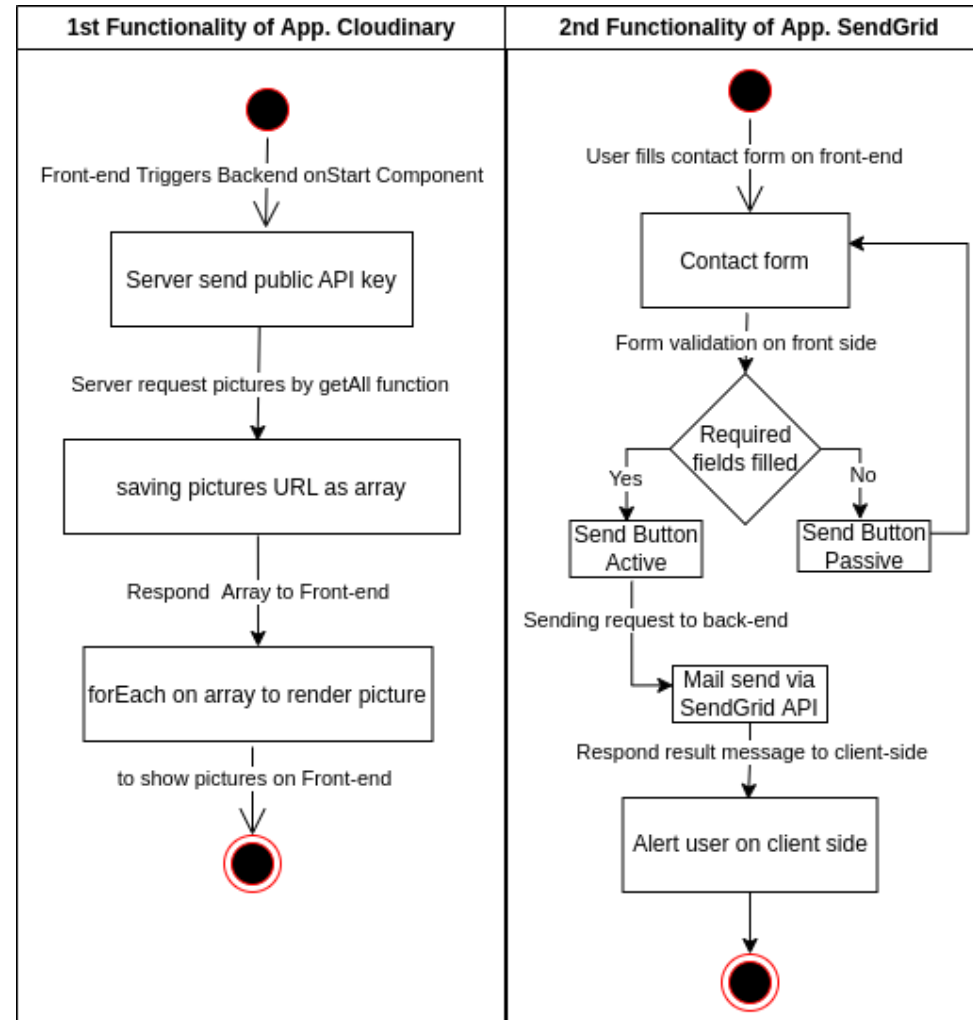
# Textual solution to past project pictures to be displayed

- Company owner is not satisfied to update website frequently, to develop more effective application, it must fetch past project pictures dynamically.
  - To solve issue, an media-server is used which is called Cloudinary .
  - Cloudinary makes easy to upload pictures like social media (instagram) and web-application will fetch uploaded pictures to display, so web-application doesnot need to be updated frequently.

# Textual solution to make-able application user directly send email

- Company owner wants potential customer can able to communicate with company e-mail on application
  - To solve issue, an SMTP (Simple Mail Transfer Protocol) provider is used which is called Sendgrid .
  - Sendgrid sending email by using verified mail address, in this project an Gmail free account is used as verified sender.

# Architectural Diagram of solution



## Overview of technology choices for front-end and back-end

- JavaScript technologies is used for front and back-end development of project.
- CSS (Cascading style sheet) framework is used to write clean code as its component based which is called Vuetify and Bootstrap is used and its class based CSS library.
- NodeJS for server-side and JavaScript framework for front-end which is named NuxtJs. NuxtJs is Server-side rendering (SSR) of VueJS.
- For communication interface Rest API is used between back-end and front-end
- NPM (Node package manager) is used to install libraries

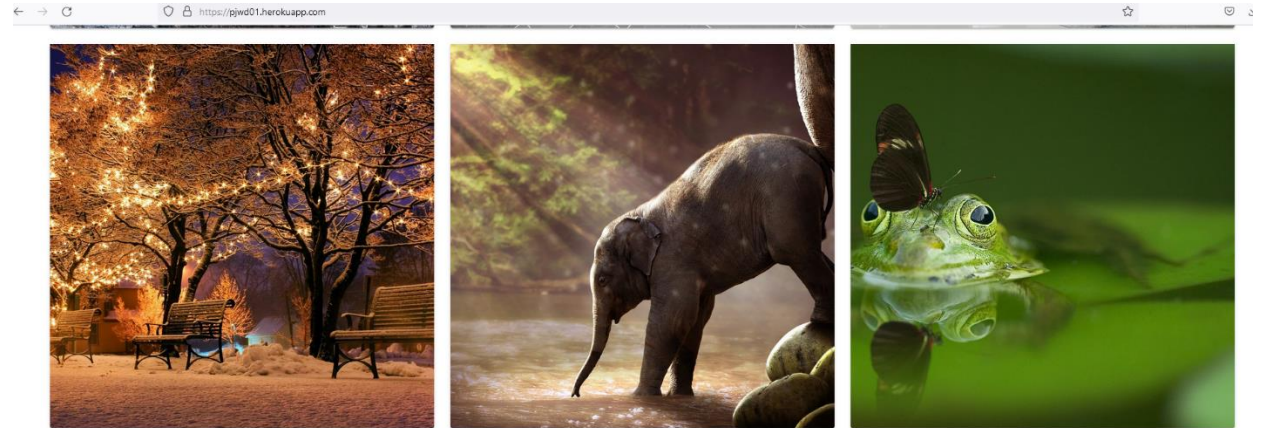
# Screenshots of web application

Top picture is coming from static folder



Our Services

Pictures are coming from Cloudinary API



Contact Form

# Screenshots of web application(cont.)

Contact form to send email via SendGrid API

Name  
Huseyin

LastName  
Ozdogan

Enter E-mail that you will receive for test purposes  
huseyinozdogan@gmail.com

Telephone  
Telephone


Comments...  
commentsPJWD01

**SEND**








Ozdogan-Huseyin\_92111877\_ PJWD \_P2\_S

## Received mail



≡ Gmail


 Oluştur


**Gelen Kutusu** 3.272


- ★ Yıldızlı
- Önemli
- Gönderilmiş Postalar
-  **Taslaqlar** 46
-  Tüm Postalar
-  **Spam** 85
-  Çöp Kutusu
- ▼ Kategoriler
  -  **Sosyal** 230
  -  **Güncellemeler** 3.152
  -  **Forumlar** 5

**Meet**

-  Yeni toplantı
-  Toplantıya katıl

commentsPJ...  Gelen Kutusu x

 **hozdogan588@gmail.com** sendgrid.net [üzerinden](#)  
Alıcı: ben ▼

 İngilizce ▼ > Türkçe ▼ [İletiyi çevir](#)

**First Name:** Huseyin

**Last Name:** Ozdogan

**Email:** [huseyinozdogan@gmail.com](mailto:huseyinozdogan@gmail.com)

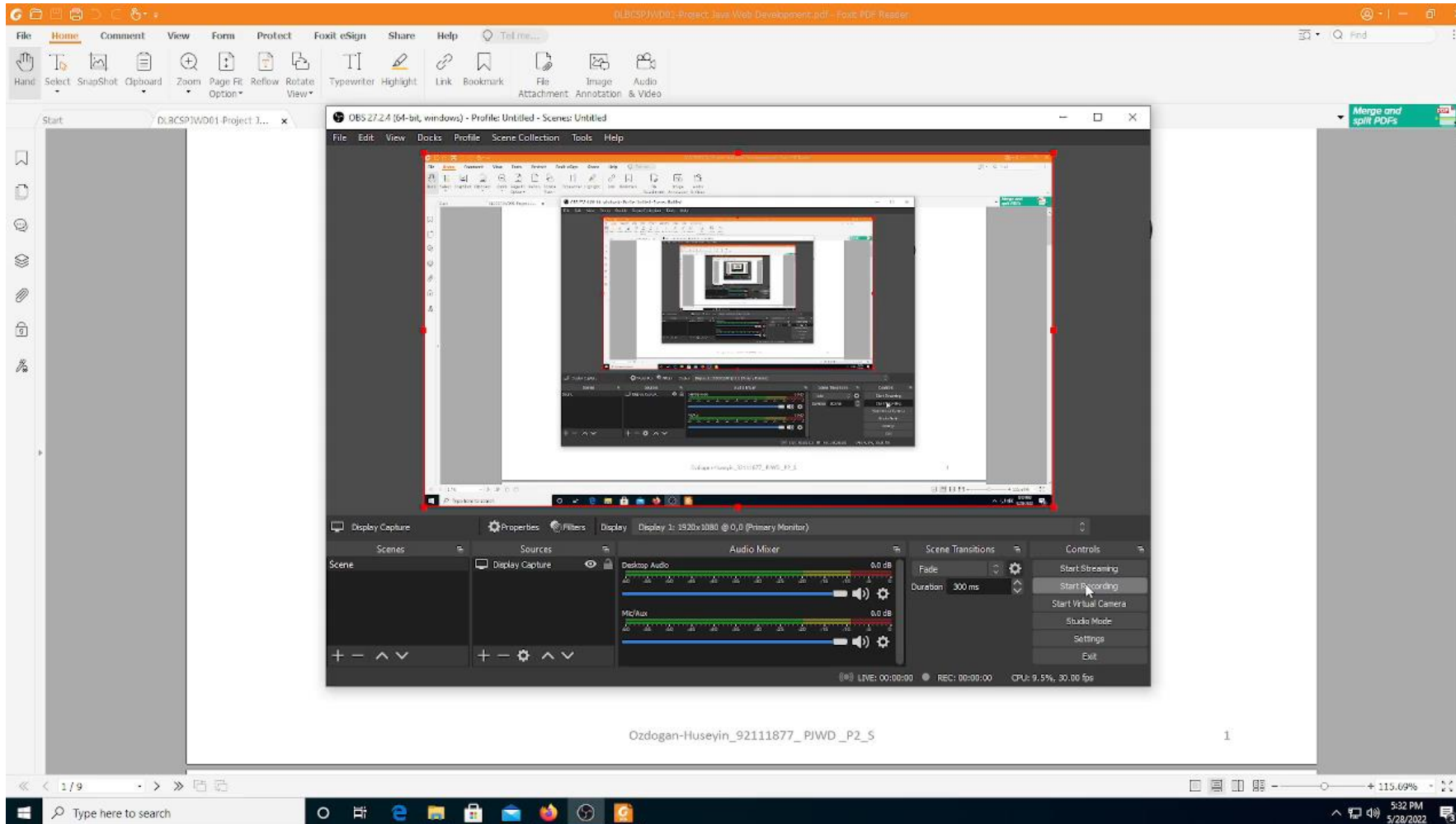
**Telephone:** Telephone

**Comment:** commentsPJWD01

Ozdogan-Huseyin\_92111877\_ PJWD \_P2\_S



# Video of project(1.42min)



Thank you