



IBM - (NALAIYA THIRAN) – PROJECT

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SMART FASHION RECOMMENDER APPLICATION

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1. INTRODUCTION:

1.1. PROJECT OVERVIEW:

While Input data may not always be accurate because humans are not perfect at providing ratings. User behavior is more important than ratings. Item-based recommendations provide a better answer in this case., The role of the admin is to check out the database about the stock and have a track of all the things that the users are purchasing. The user will login into the website and go through the products available on the website. Instead of navigating to several screens for booking products online, the user can directly talk to Chatbot regarding the products. Get the recommendations based on information provided by the user. because Recommendation System belongs to the class of Information Retrieval, Data Mining and Machine Learning. Recommender systems play a major role in today's ecommerce industry. Recommender systems recommend items to users such as books, movies, videos, electronic products and many other products in general. Recommender systems help the users to get personalized recommendations, helps users to take correct decisions in their online transactions, increase sales and redefine the users web browsing experience, retain the customers, enhance their shopping experience., Chatbots work by analyzing and identifying the intent of the user's request to extract relevant entities, which is the most important task of a chatbot. Once the analysis is done appropriate response is delivered to the user.

1.2. PURPOSE:

The role of the admin is to check out the database about the stock and have a track of all the things that the users are purchasing. The user will login into the website and go through the products available on the website. Instead of navigating to several screens for booking products online, the user can directly talk to Chatbot regarding the products. Get the recommendations based on information provided by the user.

2. LITERATURE SURVEY:

2.1 EXISTING PROBLEM:

Recommendation engines are a big investment, not only financially, but in terms of time, too: it takes a long time and deep expertise to build an effective recommendation engine in-house. Besides the requisite data scientists and other assorted specialist staff, you will need to factor in costs for the discovery and analysis phase (including a feasibility study to make sure this is the right path for your business), the prototype implementation phase, the minimum viable product (MVP) development, followed by the final release and deployment.

Alternatively, you could employ an off-the-shelf solution from a third-party company, but with so many options available on the market, how do you know which is the right one for your business? Evaluating different solutions can be enormously time consuming, as you need to evaluate their case studies, the technology, how the solution will be integrated into your current company setup, and so on.

Relying on user data has its downsides, one of which is the issue of ‘cold start’. This is when a new user enters the system or new items are added to the catalogue, and therefore, it will be difficult for the algorithm to predict the taste or preferences of the new user, or the rating of the new items, leading to less accurate recommendations.

The more the algorithm knows about the customer, the more accurate its recommendations will be. However, many customers are hesitant to hand over personal information, especially given several high-profile cases of customer data leaks in recent years. However, without this customer data, the recommendation engine cannot function effectively. Therefore, building trust between the business and customers is key. Many businesses are thriving thanks to recommendation engines. While they do bring enormous opportunities, it is vital to be aware of the many challenges inherent to the technology in order to utilize it to the fullest.

2.2 REFERENCES:

1. Angel Arul Jothi J and Razia Sulthana A. A Review on the Literature of Fashion Recommender System using Deep Learning [J]. Int J Performability Eng, 2021, 17(8): 695-702.
2. Stan, Cristiana & Mocanu, Irina. (2019). An Intelligent Personalized Fashion Recommendation System. 210-215. 10.1109/CSCS.2019.00042.
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4. K, Aneesh. (2022). Fashion Recommendation System. International Journal for Research in Applied Science and Engineering Technology. 10. 2470-2474. 10.22214/ijraset.2022.44362.
5. Bhure, Bhagyshree & Bansod, Pratiksha & Amgaokar, Monali & Lodiwale, Savita & Orkey, Anjali & Mohod, Ashish. (2021). A Review on Outfit Fashion Recommendation System. International Journal of Scientific Research in Computer Science, Engineering and Information Technology. 220-222. 10.32628/CSEIT217368.

2.3 PROBLEM STATEMENT DEFINITION:

In India, E-commerce is growing day by day. It is a tedious task for customers to find the appropriate product from the very wide collection of products. Smart Fashion Recommendation System helps in this case.

1. Who does the problem affect?

- When the customer is unable to find the product of their choice.
- Unhappy customers who did not get their desired product.
- The seller who lost a potential sale or even a client in some cases.

2. What are the boundaries of the problem?

- Requires a huge data set to train a reliable system.
- Customer's data need to be collected, stored and analyzed.
- Only in-stock items should be recommended.
- Items should be recommended according to the customer data.

3. What is the issue?

- Customer becomes unsatisfied when recommendation system doesn't give the relevant items.

4. When does the issue occur?

- The desired product will not be recommended if
 1. The user data is insufficient
 2. The product is not available in stock.
 3. Synonymy problem: When the same product is listed under different names.
- the customer by recommending the products based on their needs and preference instead of searching the products.

5. Where is the issue occurring?

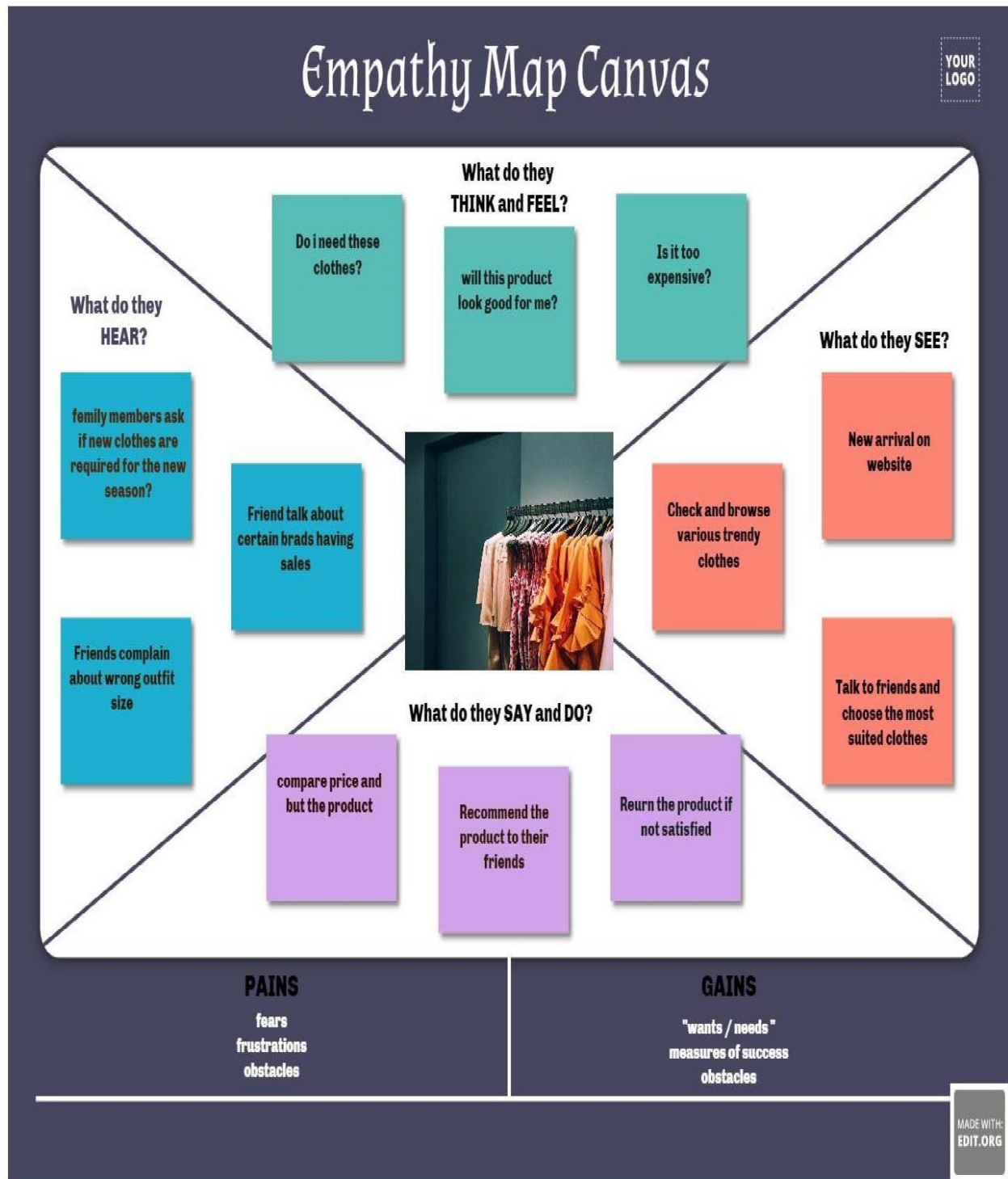
- to lack of knowledge about the products
- Incorrect dataset

6. Why is it important that we fix the problem?

- It saves customer's time.
- It increases sales.
- To make the desired products more accessible for the customers.

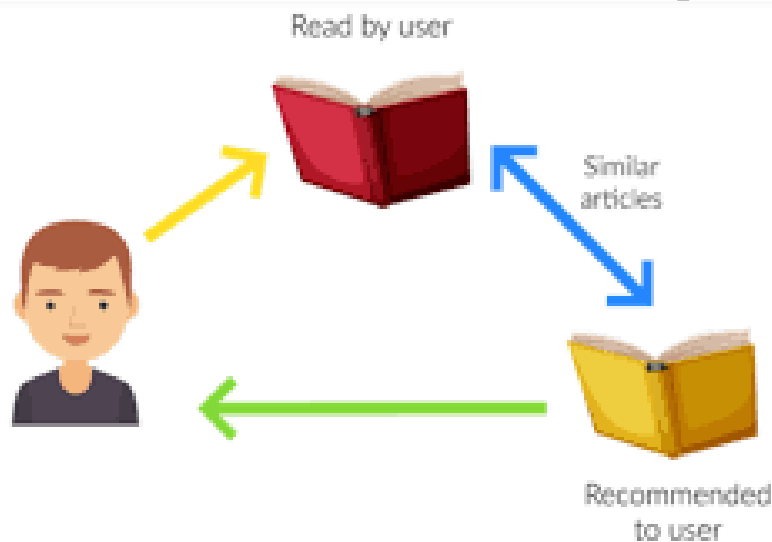
3. IDEATION AND PROPOSED SOLUTION:

3.1 EMPATHY MAP CANVAS:



3.2 IDEATION AND BRAINSTROMING:

Brainstorming is a great way to generate a lot of ideas that you would not be able to generate by just sitting down with a pen and paper. The intention of brainstorming is to leverage the collective thinking of the group, by engaging with each other, listening, and building on other ideas. Conducting a brainstorm also creates a distinct segment of time when you intentionally turn up the generative part of your brain and turn down the evaluative part. You can use brainstorming throughout any design or work process, of course, to generate ideas for design solutions, but also any time you are trying to generate ideas, such as planning where to do empathy work, or thinking about product and services related to your project.



A recommendation system is a subclass of Information filtering Systems that seeks to predict the rating or the preference a user might give to an item. In simple words, it is an algorithm that suggests relevant items to users. Example, In the case of Netflix which movie to watch, In the case of e-commerce which product to buy, or In the case of kindle which book to read, etc.

3.3 PROPOSED SOLUTION:

- Using chatbot we can manage user's choices and orders.
- The chatbot can give recommendations to the users based on their interests.
- It can promote the best deals and offers on that day.

- It will store the customer's details and orders in the database.
- The chatbot will send a notification to customers if the order is confirmed.
- Chatbots can also help in collecting customer feedback.

3.4 PROPOSED SOLUTION FIT:

- When you have a very large user/items dimensionality, it can be very inefficient – or impossible – to precompute all the recommendations.
- When you create predictions dynamically, the time you need to retrieve them is very important.
- When the system needs to incorporate new data as it becomes available, it's crucial to frequently update the models.
- This means dealing with unseen users or items and continuously changing features.

4. REQUIREMENT ANALYSIS:

4.1 FUNCTIONAL REQUIREMENTS:

A Functional Requirement is a description of the service that the software must offer. It describes a software system or its component. A function is nothing but inputs to the software system, its behavior, and outputs. It can be a calculation, data manipulation, business process, user interaction, or any other specific functionality which defines what function a system is likely to perform. Functional Requirements in Software Engineering are also called Functional Specification.

PYTHON:



Python is a dynamic, interpreted (bytecode-compiled) language. There are no type declarations of variables, parameters, functions, or methods in source code. This makes the code short and flexible, and you lose the compile-time type checking of the source code.

FLASK:



Flask is a web framework. This means flask provides you with tools, libraries and technologies that allow you to build a web application. This web application can be some web pages, a blog, a wiki or go as big as a web-based calendar application or a commercial website.

HTML AND CSS:



HTML is an acronym which stands for Hyper Text Markup Language which is used for creating web pages and web applications. Let's see what is meant by Hypertext Markup Language, and Web page.

Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable. CSS handles the look and feel part of a web page. Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colors are used, layout designs, variations in display for different devices and screen sizes as well as a variety of other effects.

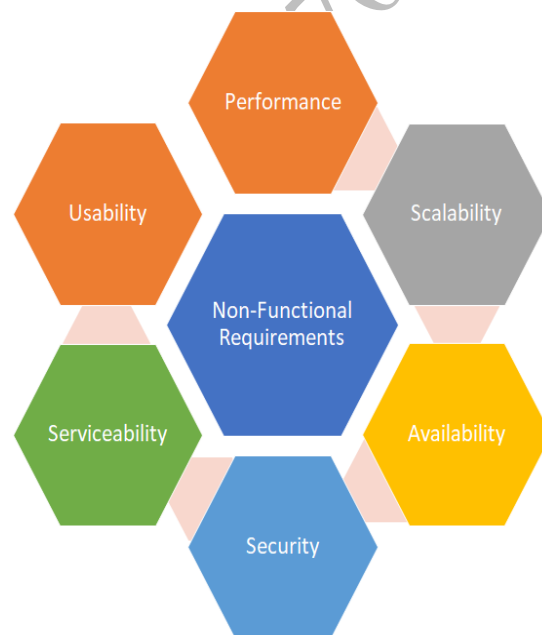
IBM CLOUD:



IBM Cloud provides solutions that enable higher levels of compliance, security, and management, with proven architecture patterns and methods for rapid delivery for running mission-critical workloads.

4.2 NON-FUNCTIONAL REQUIREMENTS:

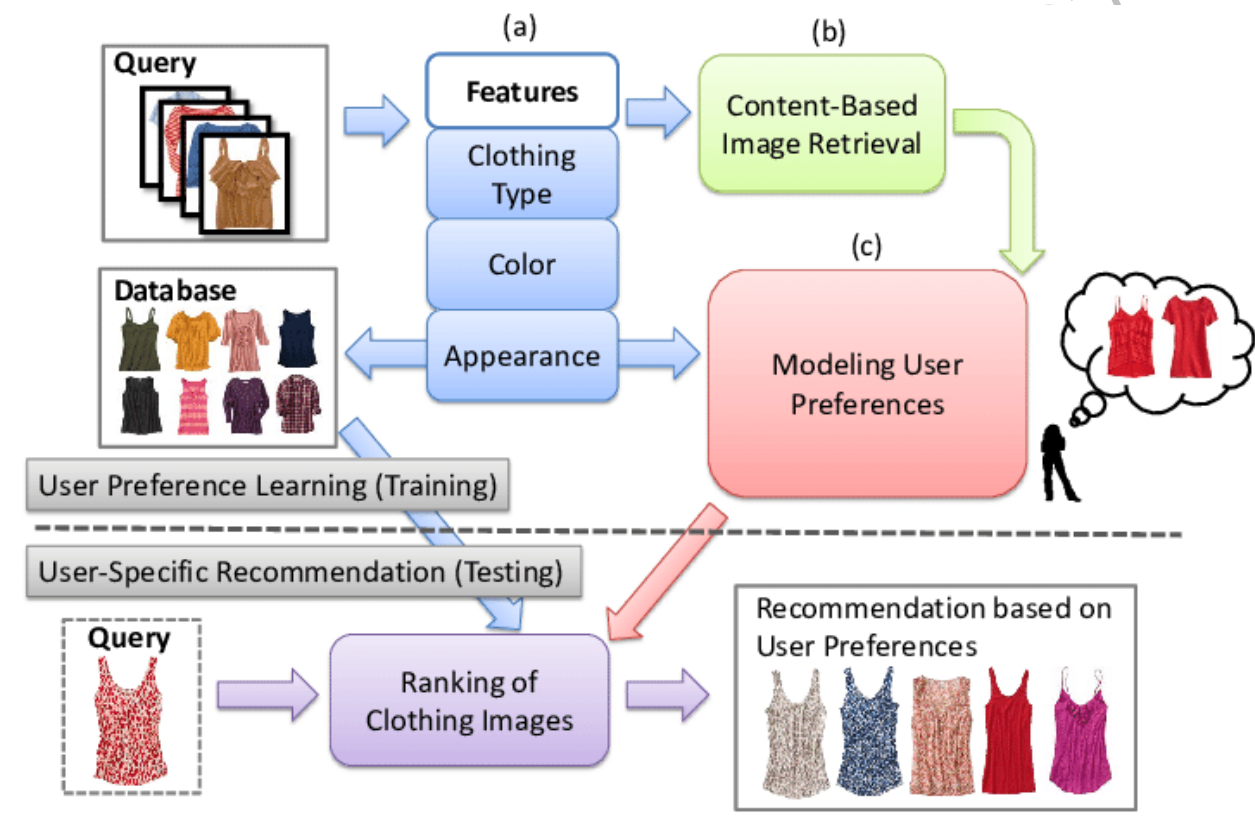
Nonfunctional Requirements (NFRs) define system attributes such as security, reliability, performance, maintainability, scalability, and usability. They serve as constraints or restrictions on the design of the system across the different backlogs. Also known as system qualities, nonfunctional requirements are just as critical as functional Epics, Capabilities, Features, and Stories. They ensure the usability and effectiveness of the entire system. Failing to meet any one of them can result in systems that fail to satisfy internal business, user, or market needs, or that do not fulfill mandatory requirements imposed by regulatory or standards agencies. In some cases, non-compliance can cause significant legal issues.



5. PROJECT DESIGN:

5.1 DATA FLOW DIAGRAM:

It's easy to understand the flow of data through systems with the right data flow diagram software. This guide provides everything you need to know about data flow diagrams, including definitions, history, and symbols and notations. You'll learn the different levels of a DFD, the difference between a logical and a physical DFD and tips for making a DFD.



5.2 SOLUTION AND TECHNICAL ARCHITECTURE:

Solution architecture provides the ground for software development projects by tailoring IT solutions to specific business needs and defining their functional requirements and stages of implementation. It is comprised of many subprocesses that draw guidance from various enterprise architecture viewpoints.

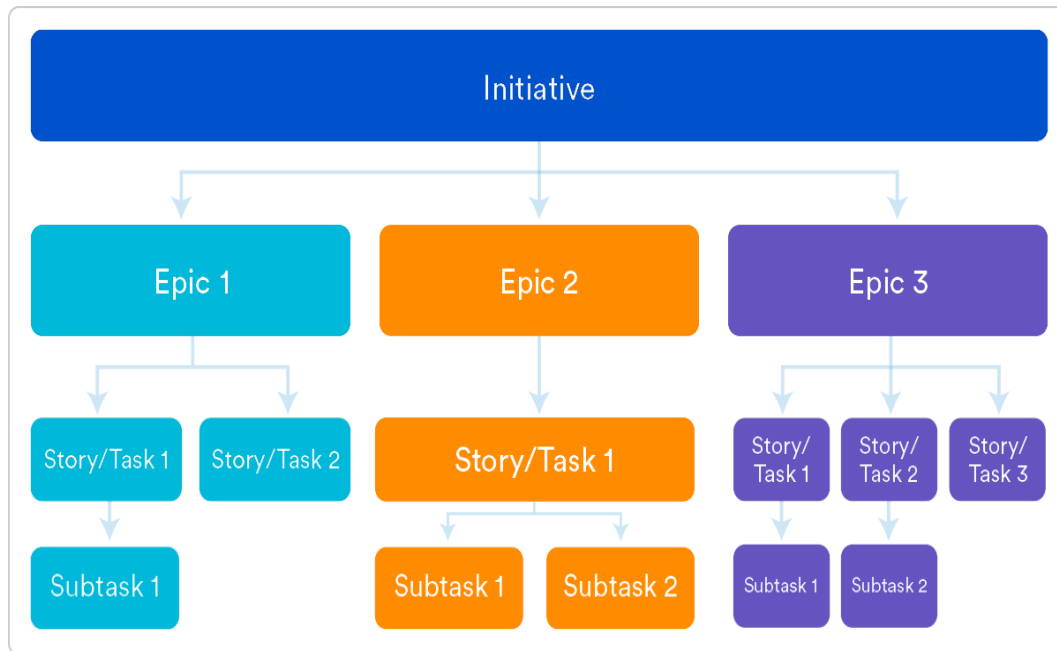
Technical Architecture (TA) is a form of IT architecture that is used to design computer systems. It involves the development of a technical blueprint with regard to the arrangement, interaction, and interdependence of all elements so that system-relevant requirements are met.

5.3 USER STORIES:

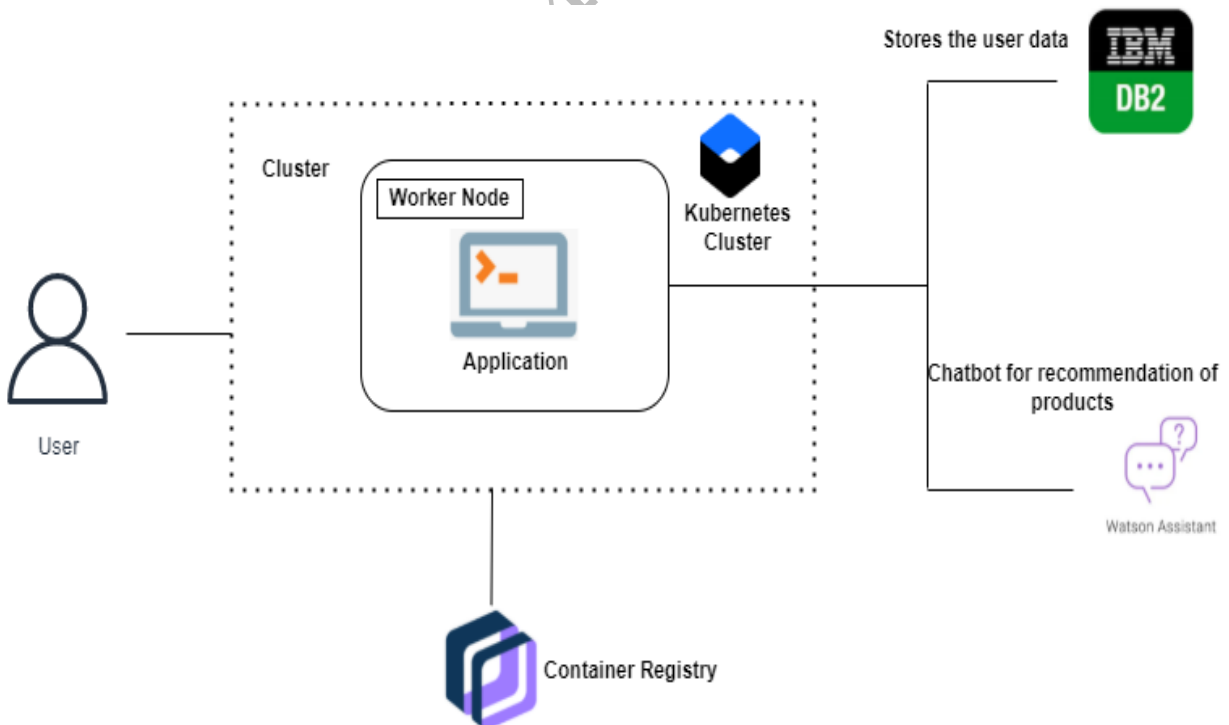
In agile software development, user stories contain feature descriptions that are used as the entry points of discussions about the design, specification, requirements, and estimation of the software features. The first step in implementing a user story is to find proper files in the code base to make changes. To help the developers, in this paper, we describe a new approach that automatically recommends the files where a feature will most likely be implemented based on a given user story that describes the feature.

A user story is an informal, general explanation of a software feature written from the perspective of the end user. Its purpose is to articulate how a software feature will provide value to the customer. It's tempting to think that user stories are, simply put, software system requirements. But they're not. A key component of agile software development is putting people first, and a user story puts end users at the center of the conversation. These stories use non-technical language to provide context for the development team and their efforts. After reading a user story, the team knows why they are building, what they're building, and what value it creates.

User stories are one of the core components of an agile program. They help provide a user-focused framework for daily work — which drives collaboration, creativity, and a better product overall.



6. PROJECT PLANNING AND SCHEDULING:



Milestones	Activities	Description
Project Development Phase	Delivery of Sprint – 1,2,3,4	To develop the code and submit the developed code by testing it
Setting up App environment	Create IBM Cloud account	Signup for an IBM Cloud account
	Create flask project	Getting started with Flask to create project
	Install IBM Cloud CLI	Install IBM Command Line Interface
	Docker CLI Installation	Installing Docker CLI on laptop
	Create an account in sendgrid	Create an account in sendgrid. Use the service as email integration to our application for sending emails
Implementing web Application	Create UI to interact with Application	Create UI <ul style="list-style-type: none"> • Registration page • Login page • View products page • Add products page
	Create IBM DB2 & connect with python	Create IBM DB2 service in IBM Cloud and connect with python code with DB
Integrating sendgrid service	Sendgrid integration with python	To send emails form the application we need to integrate the Sendgrid service
Developing a chatbot	Building a chatbot and Integrate to application	Build the chatbot and Integrate it to the flask application
Deployment of App in IBM Cloud	Containerize the App	Create a docker image of your application and push it to the IBM container registry
	Upload image to IBM container registry	Upload the image to IBM container registry
	Deploy in kubernetes cluster	Once the image is uploaded to IBM Container registry deploy the image to IBM Kebernetes cluster

Milestones	Activities	Description
Ideation Phase	Literature Survey	Literature survey on the selected project & information gathering
	Empathy Map	Prepare Empathy map to capture the user Pain & Gains, prepare list of problem statement
	Ideation	Organizing the brainstorming session and prioritise the top 3 ideas based on feasibility & Importance
Project Design Phase I	Proposed Solution	Prepare proposed solution document which includes novelty, feasibility of ideas, business model, social impact, Scalability of solution
	Problem Solution Fit	Prepare problem solution fit document
	Solution Architecture	Prepare solution architecture document
Project Design Phase II	Customer Journey	Prepare customer journey map to understand the user interactions & experience with the application
	Functional requirement	Prepare functional & non functional requirement document
	Data Flow Diagram	Prepare Data Flow Diagram and user stories
	Technology architecture	Draw the technology architecture diagram
Project Planning Phase	Milestones & Activity list	Prepare milestones and activity list of the project
	Sprint Delivery Plan	Prepare sprint delivery plan

7. CODING AND SOLUTIONS:

MAIN:

run.py

```
from shop import app
if __name__ == "__main__":
    app.run(debug=True)
```

SHOP:

forms.py:

```
from flask import Flask
from flask_sqlalchemy import SQLAlchemy
from flask_bcrypt import Bcrypt
from flask_uploads import UploadSet, configure_uploads, IMAGES, patch_request_class
import os
```

```
from flask_msearch import Search
from flask_login import LoginManager
from flask_migrate import Migrate
```

```
basedir = os.path.abspath(os.path.dirname(__file__))
app = Flask(__name__)
app.config['SQLALCHEMY_DATABASE_URI'] = 'sqlite:///test.db'
app.config['SECRET_KEY'] = 'hfouewhfoiwefoquw'
app.config['SQLALCHEMY_TRACK_MODIFICATIONS'] = False
```

```
app.config['UPLOADED_PHOTOS_DEST'] = os.path.join(basedir, 'static/images')
photos = UploadSet('photos', IMAGES)
configure_uploads(app, photos)
patch_request_class(app)
```

```
db = SQLAlchemy(app)
bcrypt = Bcrypt(app)
search = Search()
search.init_app(app)
```

```
migrate = Migrate(app, db)
with app.app_context():
    if db.engine.url.drivername == "sqlite":
        migrate.init_app(app, db, render_as_batch=True)
    else:
        migrate.init_app(app, db)
```

```
login_manager = LoginManager()
login_manager.init_app(app)
login_manager.login_view='customerLogin'
login_manager.needs_refresh_message_category='danger'
login_manager.login_message = u"Please login first"
```

```
from shop.products import routes
from shop.admin import routes
from shop.carts import carts
from shop.customers import routes
```

ADMIN:

routes.py:

```
from flask import render_template,session, request,redirect,url_for,flash
from shop import app,db,bcrypt
from .forms import RegistrationForm,LoginForm
from .models import User
from shop.products.models import Addproduct,Category,Brand

@app.route('/admin')
def admin():
    products = Addproduct.query.all()
    return render_template('admin/index.html', title='Admin page',products=products)

@app.route('/brands')
def brands():
    brands = Brand.query.order_by(Brand.id.desc()).all()
    return render_template('admin/brand.html', title='brands',brands=brands)

@app.route('/categories')
def categories():
    categories = Category.query.order_by(Category.id.desc()).all()
    return render_template('admin/brand.html', title='categories',categories=categories)

@app.route('/register', methods=['GET', 'POST'])
def register():
```

```

form = RegistrationForm()
if form.validate_on_submit():
    hash_password = bcrypt.generate_password_hash(form.password.data)
    user = User(name=form.name.data, username=form.username.data, email=form.email.data,
                password=hash_password)
    db.session.add(user)
    flash(f'welcome {form.name.data} Thanks for registering','success')
    db.session.commit()
    return redirect(url_for('login'))
return render_template('admin/register.html', title='Register user', form=form)

```

```

@app.route('/login', methods=['GET', 'POST'])
def login():
    form = LoginForm()
    if form.validate_on_submit():
        user = User.query.filter_by(email=form.email.data).first()
        if user and bcrypt.check_password_hash(user.password, form.password.data):
            session['email'] = form.email.data
            flash(f'welcome {form.email.data} you are loggedin now','success')
            return redirect(url_for('admin'))
        else:
            flash(f'Wrong email and password', 'success')
            return redirect(url_for('login'))
    return render_template('admin/login.html', title='Login page', form=form)

```

forms.py:

```

from wtforms import BooleanField, StringField, PasswordField, validators, ValidationError
from flask_wtf import FlaskForm, Form
from .models import User

```

```

class RegistrationForm(FlaskForm):
    name = StringField('Name', [validators.Length(min=4, max=25)])
    username = StringField('Username', [validators.Length(min=4, max=25)])
    email = StringField('Email Address', [validators.Length(min=6, max=35)])
    password = PasswordField('Password', [
        validators.DataRequired(),
        validators.EqualTo('confirm', message='Passwords must match')
    ])
    confirm = PasswordField('Repeat Password')

```

```
def validate_username(self, field):
    if User.query.filter_by(username=field.data).first():
        raise ValidationError('Username already in use.')
```

```
def validate_email(self, field):
    if User.query.filter_by(email=field.data).first():
        raise ValidationError('Email already registered.')
```

```
class LoginForm(FlaskForm):
    email = StringField('Email Address', [validators.Length(min=6, max=35)])
    password = PasswordField('New Password', [validators.DataRequired()])
```

models.py:

```
from shop import db
from datetime import datetime
```

```
class User(db.Model):
    id = db.Column(db.Integer, primary_key=True)
    name = db.Column(db.String(50), unique=False, nullable=False)
    username = db.Column(db.String(80), unique=True, nullable=False)
    email = db.Column(db.String(120), unique=True, nullable=False)
    password = db.Column(db.String(180), unique=False, nullable=False)
    profile = db.Column(db.String(180), unique=False, nullable=False, default='profile.jpg')

    def __repr__(self):
        return '<User %r>' % self.username
```

```
db.create_all()
```

CARTS:

carts.py:

```
from flask import render_template, session, request, redirect, url_for, flash, current_app

from shop import db, app

from shop.products.models import Addproduct
```

```
from shop.products.routes import brands, categories

import json
```

```
def MagerDicts(dict1,dict2):
```

```
    if isinstance(dict1, list) and isinstance(dict2,list):
```

```
        return dict1 + dict2
```

```
    if isinstance(dict1, dict) and isinstance(dict2, dict):
```

```
        return dict(list(dict1.items()) + list(dict2.items()))
```

```
@app.route('/addcart', methods=['POST'])
```

```
def AddCart():
```

```
    try:
```

```
        product_id = request.form.get('product_id')
```

```
        quantity = int(request.form.get('quantity'))
```

```
        color = request.form.get('colors')
```

```
        product = Addproduct.query.filter_by(id=product_id).first()
```

```
        if request.method == "POST":
```

```
            DictItems =
```

```
{product_id: {'name':product.name,'price':float(product.price),'discount':product.discount,'color':color,'quantity':quantity,'image':product.image_1, 'colors':product.colors}}
```

```
        if 'Shoppingcart' in session:
```

```
            print(session['Shoppingcart'])
```

```

        if product_id in session['Shoppingcart']:

            for key, item in session['Shoppingcart'].items():

                if int(key) == int(product_id):

                    session.modified = True

                    item['quantity'] += 1

            else:

                session['Shoppingcart'] = MagerDicts(session['Shoppingcart'], DictItems)

                return redirect(request.referrer)

        else:

            session['Shoppingcart'] = DictItems

            return redirect(request.referrer)

    except Exception as e:

        print(e)

    finally:

        return redirect(request.referrer)

@app.route('/carts')
def getCart():

    if 'Shoppingcart' not in session or len(session['Shoppingcart']) <= 0:

        return redirect(url_for('home'))

    subtotal = 0

    grandtotal = 0

    for key,product in session['Shoppingcart'].items():

```

```

discount = (product['discount']/100) * float(product['price'])

subtotal += float(product['price']) * int(product['quantity'])

subtotal -= discount

tax =("%.2f" % (.06 * float(subtotal)))

grandtotal = float("%.2f" % (1.06 * subtotal))

return render_template('products/carts.html',tax=tax,
grandtotal=grandtotal,brands=brands(),categories=categories())

```

```

@app.route('/updatecart/<int:code>', methods=['POST'])

```

```

def updatecart(code):

```

```

    if 'Shoppingcart' not in session or len(session['Shoppingcart']) <= 0:

```

```

        return redirect(url_for('home'))

```

```

    if request.method == "POST":

```

```

        quantity = request.form.get('quantity')

```

```

        color = request.form.get('color')

```

```

        try:

```

```

            session.modified = True

```

```

            for key , item in session['Shoppingcart'].items():

```

```

                if int(key) == code:

```

```

                    item['quantity'] = quantity

```

```

                    item['color'] = color

```

```

                    flash('Item is updated!')

```

```

                    return redirect(url_for('getCart'))

```



```

except Exception as e:

    print(e)

    return redirect(url_for('getCart'))

@app.route('/deleteitem/<int:id>')

def deleteitem(id):

    if 'Shoppingcart' not in session or len(session['Shoppingcart']) <= 0:

        return redirect(url_for('home'))

    try:

        session.modified = True

        for key , item in session['Shoppingcart'].items():

            if int(key) == id:

                session['Shoppingcart'].pop(key, None)

                return redirect(url_for('getCart'))

    except Exception as e:

        print(e)

        return redirect(url_for('getCart'))

@app.route('/clearcart')

def clearcart():

    try:

        session.pop('Shoppingcart', None)

        return redirect(url_for('home'))

```

except Exception as e:

print(e)

CUSTOMERS:

forms.py:

```
from wtforms import Form, StringField, TextAreaField, PasswordField, SubmitField, validators,
ValidationError
```

```
from flask_wtf.file import FileRequired, FileAllowed, FileField
```

```
from flask_wtf import FlaskForm
```

```
from .model import Register
```

```
class CustomerRegisterForm(FlaskForm):
```

```
    name = StringField('Name: ')
```

```
    username = StringField('Username: ', [validators.DataRequired()])
```

```
    email = StringField('Email: ', [validators.Email(), validators.DataRequired()])
```

```
    password = PasswordField('Password: ', [validators.DataRequired(),
validators.EqualTo('confirm', message=' Both password must match! ')])
```

```
    confirm = PasswordField('Repeat Password: ', [validators.DataRequired()])
```

```
    country = StringField('Country: ', [validators.DataRequired()])
```

```
    city = StringField('City: ', [validators.DataRequired()])
```

```

contact = StringField('Contact: ', [validators.DataRequired()])

address = StringField('Address: ', [validators.DataRequired()])

zipcode = StringField('Zip code: ', [validators.DataRequired()])


profile = FileField('Profile', validators=[FileAllowed(['jpg', 'png', 'jpeg', 'gif'], 'Image only
please'))

submit = SubmitField('Register')


def validate_username(self, username):

    if Register.query.filter_by(username=username.data).first():

        raise ValidationError("This username is already in use!")


def validate_email(self, email):

    if Register.query.filter_by(email=email.data).first():

        raise ValidationError("This email address is already in use!")

```

model.py:

```

from shop import db, login_manager

from datetime import datetime

from flask_login import UserMixin

import json


@login_manager.user_loader

def user_loader(user_id):

```

```
return Register.query.get(user_id)
```

```
class Register(db.Model, UserMixin):
```

```
    id = db.Column(db.Integer, primary_key= True)
```

```
    name = db.Column(db.String(50), unique= False)
```

```
    username = db.Column(db.String(50), unique= True)
```

```
    email = db.Column(db.String(50), unique= True)
```

```
    password = db.Column(db.String(200), unique= False)
```

```
    country = db.Column(db.String(50), unique= False)
```

```
    # state = db.Column(db.String(50), unique= False)
```

```
    city = db.Column(db.String(50), unique= False)
```

```
    contact = db.Column(db.String(50), unique= False)
```

```
    address = db.Column(db.String(50), unique= False)
```

```
    zipcode = db.Column(db.String(50), unique= False)
```

```
    profile = db.Column(db.String(200), unique= False , default='profile.jpg')
```

```
    date_created = db.Column(db.DateTime, nullable=False, default=datetime.utcnow)
```

```
    def __repr__(self):
```

```
        return '<Register %r>' % self.name
```

```
class JsonEncodedDict(db.TypeDecorator):
```

```
    impl = db.Text
```

```

def process_bind_param(self, value, dialect):

    if value is None:

        return '{}'

    else:

        return json.dumps(value)

def process_result_value(self, value, dialect):

    if value is None:

        return {}

    else:

        return json.loads(value)

class CustomerOrder(db.Model):

    id = db.Column(db.Integer, primary_key=True)

    invoice = db.Column(db.String(20), unique=True, nullable=False)

    status = db.Column(db.String(20), default='Pending', nullable=False)

    customer_id = db.Column(db.Integer, unique=False, nullable=False)

    date_created = db.Column(db.DateTime, default=datetime.utcnow, nullable=False)

    orders = db.Column(JsonEncodedDict)

    def __repr__(self):

        return '<CustomerOrder %r>' % self.invoice

db.create_all()

class CustomerLoginFrom(FlaskForm):

```

```
email = StringField('Email: ', [validators.Email(), validators.DataRequired()])
```

```
password = PasswordField('Password: ', [validators.DataRequired()])
```

routes.py:

```
from flask import render_template, session,
```

```
request, redirect, url_for, flash, current_app, make_response
```

```
from flask_login import login_required, current_user, logout_user, login_user
```

```
from shop import app, db, photos, search, bcrypt, login_manager
```

```
from .forms import CustomerRegisterForm, CustomerLoginForm
```

```
from .model import Register, CustomerOrder
```

```
import secrets
```

```
import os
```

```
import json
```

```
import pdfkit
```

```
import stripe
```

```
buplishable_key = 'pk_test_MaILxTYQ15v5Uhd6NKI9wPdD00qdL0QZSI'
```

```
stripe.api_key = 'sk_test_9JlhVB6qwjcRdYzizjdwgIo0Dt00N55uxbWy'
```

```
@app.route('/payment', methods=['POST'])
```

```
def payment():
```

```
    invoice = request.get('invoice')
```

```
    amount = request.form.get('amount')
```

```

customer = stripe.Customer.create(
    email=request.form['stripeEmail'],
    source=request.form['stripeToken'],
)

charge = stripe.Charge.create(
    customer=customer.id,
    description='Myshop',
    amount=amount,
    currency='usd',
)

orders = CustomerOrder.query.filter_by(customer_id =
current_user.id,invoice=invoice).order_by(CustomerOrder.id.desc()).first()

orders.status = 'Paid'

db.session.commit()

return redirect(url_for('thanks'))

@app.route('/thanks')
def thanks():
    return render_template('customer/thank.html')

@app.route('/customer/register', methods=['GET','POST'])
def customer_register():

```

```

form = CustomerRegisterForm()

if form.validate_on_submit():

    hash_password = bcrypt.generate_password_hash(form.password.data)

    register = Register(name=form.name.data, username=form.username.data,
email=form.email.data,password=hash_password,country=form.country.data,
city=form.city.data,contact=form.contact.data, address=form.address.data,
zipcode=form.zipcode.data)

    db.session.add(register)

    flash(f'Welcome {form.name.data} Thank you for registering', 'success')

    db.session.commit()

    return redirect(url_for('login'))

return render_template('customer/register.html', form=form)

@app.route('/customer/login', methods=['GET','POST'])

def customerLogin():

    form = CustomerLoginFrom()

    if form.validate_on_submit():

        user = Register.query.filter_by(email=form.email.data).first()

        if user and bcrypt.check_password_hash(user.password, form.password.data):

            login_user(user)

            flash('You are login now!', 'success')

            next = request.args.get('next')

```



```

        return redirect(next or url_for('home'))

    flash('Incorrect email and password','danger')

    return redirect(url_for('customerLogin'))


return render_template('customer/login.html', form=form)


@app.route('/customer/logout')
def customer_logout():

    logout_user()

    return redirect(url_for('home'))


def updateshoppingcart():

    for key, shopping in session['Shoppingcart'].items():

        session.modified = True

        del shopping['image']

        del shopping['colors']

    return updateshoppingcart


@app.route('/getorder')
@login_required
def get_order():

    if current_user.is_authenticated:

```

```

customer_id = current_user.id

invoice = secrets.token_hex(5)

updateshoppingcart

try:

    order =
CustomerOrder(invoice=invoice,customer_id=customer_id,orders=session['Shoppingcart'])

    db.session.add(order)

    db.session.commit()

    session.pop('Shoppingcart')

    flash('Your order has been sent successfully','success')

    return redirect(url_for('orders',invoice=invoice))

except Exception as e:

    print(e)

    flash('Some thing went wrong while get order', 'danger')

    return redirect(url_for('getCart'))

@app.route('/orders/<invoice>')
@login_required
def orders(invoice):
    if current_user.is_authenticated:

        grandTotal = 0

        subTotal = 0

        customer_id = current_user.id

```

```

customer = Register.query.filter_by(id=customer_id).first()

orders = CustomerOrder.query.filter_by(customer_id=customer_id,
invoice=invoice).order_by(CustomerOrder.id.desc()).first()

for _key, product in orders.orders.items():

    discount = (product['discount']/100) * float(product['price'])

    subTotal += float(product['price']) * int(product['quantity'])

    subTotal -= discount

    tax = ("%0.2f" % (.06 * float(subTotal)))

    grandTotal = ("%0.2f" % (1.06 * float(subTotal)))

else:

    return redirect(url_for('customerLogin'))

    return render_template('customer/order.html', invoice=invoice,
tax=tax,subTotal=subTotal,grandTotal=grandTotal,customer=customer,orders=orders)

@app.route('/get_pdf/<invoice>', methods=['POST'])

@login_required

def get_pdf(invoice):

    if current_user.is_authenticated:

        grandTotal = 0

        subTotal = 0

        customer_id = current_user.id

        if request.method == "POST":

            customer = Register.query.filter_by(id=customer_id).first()

```

```

orders = CustomerOrder.query.filter_by(customer_id=customer_id,
invoice=invoice).order_by(CustomerOrder.id.desc()).first()

for _key, product in orders.orders.items():

    discount = (product['discount']/100) * float(product['price'])

    subTotal += float(product['price']) * int(product['quantity'])

    subTotal -= discount

    tax = ("%0.2f" % (.06 * float(subTotal)))

    grandTotal = float("%0.2f" % (1.06 * subTotal))

rendered = render_template('customer/pdf.html', invoice=invoice,
tax=tax,grandTotal=grandTotal,customer=customer,orders=orders)

pdf = pdfkit.from_string(rendered, False)

response = make_response(pdf)

response.headers['content-Type'] = 'application/pdf'

response.headers['content-Disposition'] = 'inline; filename='+invoice+'.pdf'

return response

return request(url_for('orders'))

```

PRODUCTS:

forms.py:

```

from wtforms import Form,
SubmitField,IntegerField,FloatField,StringField,TextAreaField,validators

from flask_wtf.file import FileField,FileRequired,FileAllowed

```

```
class Addproducts(Form):
```

```
    name = StringField('Name', [validators.DataRequired()])
```

```
    price = FloatField('Price', [validators.DataRequired()])
```

```
    discount = IntegerField('Discount', default=0)
```

```
    stock = IntegerField('Stock', [validators.DataRequired()])
```

```
    colors = StringField('Colors', [validators.DataRequired()])
```

```
    discription = TextAreaField('Discription', [validators.DataRequired()])
```

```
    image_1 = FileField('Image 1', validators=[FileRequired(),  
FileAllowed(['jpg','png','gif','jpeg']), 'Images only please'])
```

```
    image_2 = FileField('Image 2', validators=[FileRequired(),  
FileAllowed(['jpg','png','gif','jpeg']), 'Images only please'])
```

```
    image_3 = FileField('Image 3', validators=[FileRequired(),  
FileAllowed(['jpg','png','gif','jpeg']), 'Images only please'])
```

models.py:

```
from shop import db
```

```
from datetime import datetime
```

```
class Addproduct(db.Model):
```

```
    __seachbale__ = ['name','desc']
```

```

id = db.Column(db.Integer, primary_key=True)

name = db.Column(db.String(80), nullable=False)

price = db.Column(db.Numeric(10,2), nullable=False)

discount = db.Column(db.Integer, default=0)

stock = db.Column(db.Integer, nullable=False)

colors = db.Column(db.Text, nullable=False)

desc = db.Column(db.Text, nullable=False)

pub_date = db.Column(db.DateTime, nullable=False, default=datetime.utcnow)


category_id = db.Column(db.Integer, db.ForeignKey('category.id'), nullable=False)
category = db.relationship('Category', backref=db.backref('categories', lazy=True))


brand_id = db.Column(db.Integer, db.ForeignKey('brand.id'), nullable=False)
brand = db.relationship('Brand', backref=db.backref('brands', lazy=True))


image_1 = db.Column(db.String(150), nullable=False, default='image1.jpg')
image_2 = db.Column(db.String(150), nullable=False, default='image2.jpg')
image_3 = db.Column(db.String(150), nullable=False, default='image3.jpg')

def __repr__(self):

    return '<Post %r>' % self.name

```

```

class Brand(db.Model):

    id = db.Column(db.Integer, primary_key=True)

    name = db.Column(db.String(30), unique=True, nullable=False)

    def __repr__(self):

        return '<Brand %r>' % self.name

```

```

class Category(db.Model):

    id = db.Column(db.Integer, primary_key=True)

    name = db.Column(db.String(30), unique=True, nullable=False)

    def __repr__(self):

        return '<Catgory %r>' % self.name

db.create_all()

```

routes.py:

```

from flask import render_template, session, request, redirect, url_for, flash, current_app

from shop import app, db, photos, search

from .models import Category, Brand, Addproduct

from .forms import Addproducts

import secrets

import os

```

```
def brands():
```

```
    brands = Brand.query.join(Addproduct, (Brand.id == Addproduct.brand_id)).all()
```

```
    return brands
```

```
def categories():
```

```
    categories = Category.query.join(Addproduct, (Category.id == Addproduct.category_id)).all()
```

```
    return categories
```

```
@app.route('/')
```

```
def home():
```

```
    page = request.args.get('page',1, type=int)
```

```
    products = Addproduct.query.filter(Addproduct.stock > 0).order_by(Addproduct.id.desc()).paginate(page=page, per_page=8)
```

```
    return render_template('products/index.html',  
products=products,brands=brands(),categories=categories())
```

```
@app.route('/result')
```

```
def result():
```

```
    searchword = request.args.get('q')
```



```

products = Addproduct.query.msearch(searchword, fields=['name','desc'] , limit=6)

return
render_template('products/result.html',products=products,brands=brands(),categories=categories(
))

@app.route('/product/<int:id>')

def single_page(id):

    product = Addproduct.query.get_or_404(id)

    return
render_template('products/single_page.html',product=product,brands=brands(),categories=catego
ries())

@app.route('/brand/<int:id>')

def get_brand(id):

    page = request.args.get('page',1, type=int)

    get_brand = Brand.query.filter_by(id=id).first_or_404()

    brand = Addproduct.query.filter_by(brand=get_brand).paginate(page=page, per_page=8)

    return
render_template('products/index.html',brand=brand,brands=brands(),categories=categories(),get_
brand=get_brand)

```

```

@app.route('/categories/<int:id>')

def get_category(id):

    page = request.args.get('page',1, type=int)

    get_cat = Category.query.filter_by(id=id).first_or_404()

    get_cat_prod = Addproduct.query.filter_by(category=get_cat).paginate(page=page,
per_page=8)

    return
render_template('products/index.html',get_cat_prod=get_cat_prod,brands=brands(),categories=c
ategories(),get_cat=get_cat)


@app.route('/addbrand',methods=['GET','POST'])

def addbrand():

    if request.method == "POST":

        getbrand = request.form.get('brand')

        brand = Brand(name=getbrand)

        db.session.add(brand)

        flash(f'The brand {getbrand} was added to your database','success')

        db.session.commit()

        return redirect(url_for('addbrand'))

    return render_template('products/addbrand.html', title='Add brand',brands='brands')

```

```

@app.route('/updatebrand/<int:id>', methods=['GET', 'POST'])

def updatebrand(id):

    if 'email' not in session:

        flash('Login first please', 'danger')

        return redirect(url_for('login'))

    updatebrand = Brand.query.get_or_404(id)

    brand = request.form.get('brand')

    if request.method == "POST":

        updatebrand.name = brand

        flash(f'The brand {updatebrand.name} was changed to {brand}', 'success')

        db.session.commit()

        return redirect(url_for('brands'))

    brand = updatebrand.name

    return render_template('products/addbrand.html', title='Udate
brand', brands='brands', updatebrand=updatebrand)

@app.route('/deletebrand/<int:id>', methods=['GET', 'POST'])

def deletebrand(id):

    brand = Brand.query.get_or_404(id)

    if request.method == "POST":

        db.session.delete(brand)

        flash(f'The brand {brand.name} was deleted from your database", "success")

```

```

        db.session.commit()

        return redirect(url_for('admin'))

flash(f"The brand {brand.name} can't be deleted from your database","warning")

return redirect(url_for('admin'))


@app.route('/addcat',methods=['GET','POST'])

def addcat():

    if request.method == "POST":

        getcat = request.form.get('category')

        category = Category(name=getcat)

        db.session.add(category)

        flash(f"The brand {getcat} was added to your database','success')

        db.session.commit()

        return redirect(url_for('addcat'))

    return render_template('products/addbrand.html', title='Add category')


@app.route('/updatecat/<int:id>',methods=['GET','POST'])

def updatecat(id):

    if 'email' not in session:

        flash('Login first please','danger')

        return redirect(url_for('login'))

    updatecat = Category.query.get_or_404(id)

```

```
category = request.form.get('category')

if request.method == "POST":

    updatecat.name = category

    flash(f'The category {updatecat.name} was changed to {category}','success')

    db.session.commit()

    return redirect(url_for('categories'))

category = updatecat.name

return render_template('products/addbrand.html', title='Update cat',updatecat=updatecat)
```

```
@app.route('/deletecat/<int:id>', methods=['GET','POST'])
```

```
def deletecat(id):
```

```
    category = Category.query.get_or_404(id)
```

```
    if request.method=="POST":
```

```
        db.session.delete(category)
```

```
        flash(f'The brand {category.name} was deleted from your database',"success")
```

```
        db.session.commit()
```

```
        return redirect(url_for('admin'))
```

```
    flash(f'The brand {category.name} can't be deleted from your database',"warning")
```

```
    return redirect(url_for('admin'))
```

```

@app.route('/addproduct', methods=['GET','POST'])

def addproduct():

    form = Addproducts(request.form)

    brands = Brand.query.all()

    categories = Category.query.all()

    if request.method=="POST" and 'image_1' in request.files:

        name = form.name.data

        price = form.price.data

        discount = form.discount.data

        stock = form.stock.data

        colors = form.colors.data

        desc = form.discription.data

        brand = request.form.get('brand')

        category = request.form.get('category')

        image_1 = photos.save(request.files.get('image_1'), name=secrets.token_hex(10) + ".")

        image_2 = photos.save(request.files.get('image_2'), name=secrets.token_hex(10) + ".")

        image_3 = photos.save(request.files.get('image_3'), name=secrets.token_hex(10) + ".")

        addproduct =
Addproduct(name=name,price=price,discount=discount,stock=stock,colors=colors,desc=desc,cat
egory_id=category,brand_id=brand,image_1=image_1,image_2=image_2,image_3=image_3)

        db.session.add(addproduct)

        flash(f'The product {name} was added in database','success')

        db.session.commit()

```

```
return redirect(url_for('admin'))

return render_template('products/addproduct.html', form=form, title='Add a Product',
brands=brands, categories=categories)
```

```
@app.route('/updateproduct/<int:id>', methods=['GET', 'POST'])
```

```
def updateproduct(id):
```

```
    form = Addproducts(request.form)
```

```
    product = Addproduct.query.get_or_404(id)
```

```
    brands = Brand.query.all()
```

```
    categories = Category.query.all()
```

```
    brand = request.form.get('brand')
```

```
    category = request.form.get('category')
```

```
    if request.method == "POST":
```

```
        product.name = form.name.data
```

```
        product.price = form.price.data
```

```
        product.discount = form.discount.data
```

```
        product.stock = form.stock.data
```

```
        product.colors = form.colors.data
```

```
        product.desc = form.description.data
```

```
        product.category_id = category
```

```
product.brand_id = brand

if request.files.get('image_1'):

    try:

        os.unlink(os.path.join(current_app.root_path, "static/images/" + product.image_1))

        product.image_1 = photos.save(request.files.get('image_1'),
name=secrets.token_hex(10) + ".")

    except:

        product.image_1 = photos.save(request.files.get('image_1'),
name=secrets.token_hex(10) + ".")

if request.files.get('image_2'):

    try:

        os.unlink(os.path.join(current_app.root_path, "static/images/" + product.image_2))

        product.image_2 = photos.save(request.files.get('image_2'),
name=secrets.token_hex(10) + ".")

    except:

        product.image_2 = photos.save(request.files.get('image_2'),
name=secrets.token_hex(10) + ".")

if request.files.get('image_3'):

    try:

        os.unlink(os.path.join(current_app.root_path, "static/images/" + product.image_3))

        product.image_3 = photos.save(request.files.get('image_3'),
name=secrets.token_hex(10) + ".")

    except:
```



```

        product.image_3 = photos.save(request.files.get('image_3'),
name=secrets.token_hex(10) + ".")

    flash("The product was updated",'success')

    db.session.commit()

    return redirect(url_for('admin'))

form.name.data = product.name

form.price.data = product.price

form.discount.data = product.discount

form.stock.data = product.stock

form.colors.data = product.colors

form.discription.data = product.desc

brand = product.brand.name

category = product.category.name

return render_template('products/addproduct.html', form=form, title='Update
Product',getproduct=product, brands=brands,categories=categories)

@app.route('/deleteproduct/<int:id>', methods=['POST'])
def deleteproduct(id):

    product = Addproduct.query.get_or_404(id)

    if request.method == "POST":

        try:

```

```

os.unlink(os.path.join(current_app.root_path, "static/images/" + product.image_1))

os.unlink(os.path.join(current_app.root_path, "static/images/" + product.image_2))

os.unlink(os.path.join(current_app.root_path, "static/images/" + product.image_3))

except Exception as e:

    print(e)

db.session.delete(product)

db.session.commit()

flash(f'The product {product.name} was delete from your record','success')

return redirect(url_for('adim'))

flash(f'Can not delete the product','success')

return redirect(url_for('admin'))

```

STATIC:

CSS:

Bootstrap.min:

```

/*!

* Bootstrap v4.4.1 (https://getbootstrap.com/)

* Copyright 2011-2019 The Bootstrap Authors

* Copyright 2011-2019 Twitter, Inc.

* Licensed under MIT (https://github.com/twbs/bootstrap/blob/master/LICENSE)

*/:root{--blue:#007bff;--indigo:#6610f2;--purple:#6f42c1;--pink:#e83e8c;--red:#dc3545;--
orange:#fd7e14;--yellow:#ffc107;--green:#28a745;--teal:#20c997;--cyan:#17a2b8;--white:#fff;--
gray:#6c757d;--gray-dark:#343a40;--primary:#007bff;--secondary:#6c757d;--success:#28a745;--

```

info:#17a2b8;--warning:#ffc107;--danger:#dc3545;--light:#f8f9fa;--dark:#343a40;--breakpoint-
 xs:0;--breakpoint-sm:576px;--breakpoint-md:768px;--breakpoint-lg:992px;--breakpoint-
 xl:1200px;--font-family-sans-serif:-apple-system,BlinkMacSystemFont,"Segoe
 UI",Roboto,"Helvetica Neue",Arial,"Noto Sans",sans-serif,"Apple Color Emoji","Segoe UI
 Emoji","Segoe UI Symbol","Noto Color Emoji";--font-family-monospace:SFMono-
 Regular,Menlo,Monaco,Consolas,"Liberation Mono","Courier
 New",monospace}*,:after,:before{ box-sizing:border-box }html{ font-family:sans-serif;line-
 height:1.15;-webkit-text-size-adjust:100%;-webkit-tap-highlight-
 color:transparent}article,aside,figcaption,figure,footer,header,hgroup,main,nav,section{ display:b
 lock}body{ margin:0;font-family:-apple-system,BlinkMacSystemFont,"Segoe
 UI",Roboto,"Helvetica Neue",Arial,"Noto Sans",sans-serif,"Apple Color Emoji","Segoe UI
 Emoji","Segoe UI Symbol","Noto Color Emoji";font-size:1rem;font-weight:400;line-
 height:1.5;color:#212529;text-align:left;background-color:#fff}[tabindex="-1"]:focus:not(:focus-
 visible){ outline:0!important}hr{ box-sizing:content-
 box;height:0;overflow:visible}h1,h2,h3,h4,h5,h6{ margin-top:0;margin-bottom:.5rem}p{ margin-
 top:0;margin-bottom:1rem}abbr[data-original-title],abbr[title]{ text-decoration:underline;-
 webkit-text-decoration:underline dotted;text-decoration:underline dotted;cursor:help;border-
 bottom:0;-webkit-text-decoration-skip-ink:none;text-decoration-skip-ink:none}address{ margin-
 bottom:1rem;font-style:normal;line-height:inherit}dl,ol,ul{ margin-top:0;margin-bottom:1rem}ol
 ol,ol ul,ul ol,ul ul{ margin-bottom:0}dt{ font-weight:700}dd{ margin-bottom:.5rem;margin-
 left:0}blockquote{ margin:0 0 1rem}b,strong{ font-weight:bolder}small{ font-
 size:80% }sub,sup{ position:relative;font-size:75%;line-height:0;vertical-
 align:baseline}sub{ bottom:-.25em}sup{ top:-.5em}a{ color:#007bff;text-
 decoration:none;background-color:transparent}a:hover{ color:#0056b3;text-
 decoration:underline}a:not([href]){ color:inherit;text-
 decoration:none}a:not([href]):hover{ color:inherit;text-decoration:none}code,kbd,pre,samp{ font-
 family:SFMono-Regular,Menlo,Monaco,Consolas,"Liberation Mono","Courier
 New",monospace;font-size:1em}pre{ margin-top:0;margin-
 bottom:1rem;overflow:auto}figure{ margin:0 0 1rem}img{ vertical-align:middle;border-
 style:none}svg{ overflow:hidden;vertical-align:middle}table{ border-
 collapse:collapse}caption{ padding-top:.75rem;padding-bottom:.75rem;color:#6c757d;text-

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align:left;caption-side:bottom}th{text-align:inherit}label{display:inline-block;margin-
bottom:.5rem}button{border-radius:0}button:focus{outline:1px dotted;outline:5px auto -webkit-
focus-ring-color}button,input,optgroup,select,textarea{margin:0;font-family:inherit;font-
size:inherit;line-height:inherit}button,input{overflow:visible}button,select{text-
transform:none}select{word-wrap:normal}[type=button],[type=reset],[type=submit],button{-
webkit-
appearance:button}[type=button]:not(:disabled),[type=reset]:not(:disabled),[type=submit]:not(:di-
sabled),button:not(:disabled){cursor:pointer}[type=button]::-moz-focus-inner,[type=reset]::-
moz-focus-inner,[type=submit]::-moz-focus-inner,button::-moz-focus-inner{padding:0;border-
style:none}input[type=checkbox],input[type=radio]{box-sizing:border-
box;padding:0}input[type=date],input[type=datetime-
local],input[type=month],input[type=time]{-webkit-
appearance:listbox}textarea{overflow:auto;resize:vertical}fieldset{min-
width:0;padding:0;margin:0;border:0}legend{display:block;width:100%;max-
width:100%;padding:0;margin-bottom:.5rem;font-size:1.5rem;line-
height:inherit;color:inherit;white-space:normal}progress{vertical-
align:baseline}[type=number]::-webkit-inner-spin-button,[type=number]::-webkit-outer-spin-
button{height:auto}[type=search]{outline-offset:-2px;-webkit-appearance:none}[type=search]::-
webkit-search-decoration{-webkit-appearance:none}::-webkit-file-upload-button{font:inherit;-
webkit-appearance:button}output{display:inline-block}summary{display:list-
item;cursor:pointer}template{display:none}[hidden]{display:none!important}.h1,.h2,.h3,.h4,.h5,
.h6,h1,h2,h3,h4,h5,h6{margin-bottom:.5rem;font-weight:500;line-height:1.2}.h1,h1{font-
size:2.5rem}.h2,h2{font-size:2rem}.h3,h3{font-size:1.75rem}.h4,h4{font-
size:1.5rem}.h5,h5{font-size:1.25rem}.h6,h6{font-size:1rem}.lead{font-size:1.25rem;font-
weight:300}.display-1{font-size:6rem;font-weight:300;line-height:1.2}.display-2{font-
size:5.5rem;font-weight:300;line-height:1.2}.display-3{font-size:4.5rem;font-weight:300;line-
height:1.2}.display-4{font-size:3.5rem;font-weight:300;line-height:1.2}hr{margin-
top:1rem;margin-bottom:1rem;border:0;border-top:1px solid rgba(0,0,0,.1)}.small,small{font-
size:80%;font-weight:400}.mark,mark{padding:.2em;background-color:#fcf8e3}.list-
unstyled{padding-left:0;list-style:none}.list-inline{padding-left:0;list-style:none}.list-inline-
item{display:inline-block}.list-inline-item:not(:last-child){margin-right:.5rem}.initialism{font-

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size:90%;text-transform:uppercase}.blockquote{margin-bottom:1rem;font-
size:1.25rem}.blockquote-footer{display:block;font-size:80%;color:#6c757d}.blockquote-
footer::before{content:"\2014\00A0"}.img-fluid{max-width:100%;height:auto}.img-
thumbnail{padding:.25rem;background-color:#fff;border:1px solid #dee2e6;border-
radius:.25rem;max-width:100%;height:auto}.figure{display:inline-block}.figure-img{margin-
bottom:.5rem;line-height:1}.figure-caption{font-size:90%;color:#6c757d}code{font-
size:87.5%;color:#e83e8c;word-wrap:break-word}a>code{color:inherit}kbd{padding:.2rem
.4rem;font-size:87.5%;color:#fff;background-color:#212529;border-radius:.2rem}kbd
kbd{padding:0;font-size:100%;font-weight:700}pre{display:block;font-
size:87.5%;color:#212529}pre code{font-size:inherit;color:inherit;word-break:normal}.pre-
scrollable{max-height:340px;overflow-y:scroll}.container{width:100%;padding-
right:15px;padding-left:15px;margin-right:auto;margin-left:auto}@media (min-
width:576px){.container{max-width:540px}}@media (min-width:768px){.container{max-
width:720px}}@media (min-width:992px){.container{max-width:960px}}@media (min-
width:1200px){.container{max-width:1140px}}.container-fluid,.container-lg,.container-
md,.container-sm,.container-xl{width:100%;padding-right:15px;padding-left:15px;margin-
right:auto;margin-left:auto}@media (min-width:576px){.container,.container-sm{max-
width:540px}}@media (min-width:768px){.container,.container-md,.container-sm{max-
width:720px}}@media (min-width:992px){.container,.container-lg,.container-md,.container-
sm{max-width:960px}}@media (min-width:1200px){.container,.container-lg,.container-
md,.container-sm,.container-xl{max-width:1140px}}.row{display:-ms-flexbox;display:flex;-ms-
flex-wrap:wrap;flex-wrap:wrap;margin-right:-15px;margin-left:-15px}.no-gutters{margin-
right:0;margin-left:0}.no-gutters>.col,.no-gutters>[class*=col-]{padding-right:0;padding-
left:0}.col,.col-1,.col-10,.col-11,.col-12,.col-2,.col-3,.col-4,.col-5,.col-6,.col-7,.col-8,.col-9,.col-
auto,.col-lg,.col-lg-1,.col-lg-10,.col-lg-11,.col-lg-12,.col-lg-2,.col-lg-3,.col-lg-4,.col-lg-5,.col-lg-
6,.col-lg-7,.col-lg-8,.col-lg-9,.col-lg-auto,.col-md,.col-md-1,.col-md-10,.col-md-11,.col-md-
12,.col-md-2,.col-md-3,.col-md-4,.col-md-5,.col-md-6,.col-md-7,.col-md-8,.col-md-9,.col-md-
auto,.col-sm,.col-sm-1,.col-sm-10,.col-sm-11,.col-sm-12,.col-sm-2,.col-sm-3,.col-sm-4,.col-sm-
5,.col-sm-6,.col-sm-7,.col-sm-8,.col-sm-9,.col-sm-auto,.col-xl,.col-xl-1,.col-xl-10,.col-xl-11,.col-
xl-12,.col-xl-2,.col-xl-3,.col-xl-4,.col-xl-5,.col-xl-6,.col-xl-7,.col-xl-8,.col-xl-9,.col-xl-
auto{position:relative;width:100%;padding-right:15px;padding-left:15px}.col{-ms-flex-

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preferred-size:0;flex-basis:0;-ms-flex-positive:1;flex-grow:1;max-width:100% }.row-cols-1>{* -
ms-flex:0 0 100%;flex:0 0 100%;max-width:100% }.row-cols-2>{* -ms-flex:0 0 50%;flex:0 0
50%;max-width:50% }.row-cols-3>{* -ms-flex:0 0 33.333333%;flex:0 0 33.333333%;max-
width:33.333333% }.row-cols-4>{* -ms-flex:0 0 25%;flex:0 0 25%;max-width:25% }.row-cols-
5>{* -ms-flex:0 0 20%;flex:0 0 20%;max-width:20% }.row-cols-6>{* -ms-flex:0 0
16.666667%;flex:0 0 16.666667%;max-width:16.666667% }.col-auto{-ms-flex:0 0 auto;flex:0 0
auto;width:auto;max-width:100% }.col-1{-ms-flex:0 0 8.333333%;flex:0 0 8.333333%;max-
width:8.333333% }.col-2{-ms-flex:0 0 16.666667%;flex:0 0 16.666667%;max-
width:16.666667% }.col-3{-ms-flex:0 0 25%;flex:0 0 25%;max-width:25% }.col-4{-ms-flex:0 0
33.333333%;flex:0 0 33.333333%;max-width:33.333333% }.col-5{-ms-flex:0 0
41.666667%;flex:0 0 41.666667%;max-width:41.666667% }.col-6{-ms-flex:0 0 50%;flex:0 0
50%;max-width:50% }.col-7{-ms-flex:0 0 58.333333%;flex:0 0 58.333333%;max-
width:58.333333% }.col-8{-ms-flex:0 0 66.666667%;flex:0 0 66.666667%;max-
width:66.666667% }.col-9{-ms-flex:0 0 75%;flex:0 0 75%;max-width:75% }.col-10{-ms-flex:0 0
83.333333%;flex:0 0 83.333333%;max-width:83.333333% }.col-11{-ms-flex:0 0
91.666667%;flex:0 0 91.666667%;max-width:91.666667% }.col-12{-ms-flex:0 0 100%;flex:0 0
100%;max-width:100% }.order-first{-ms-flex-order:-1;order:-1 }.order-last{-ms-flex-
order:13;order:13 }.order-0{-ms-flex-order:0;order:0 }.order-1{-ms-flex-order:1;order:1 }.order-
2{-ms-flex-order:2;order:2 }.order-3{-ms-flex-order:3;order:3 }.order-4{-ms-flex-
order:4;order:4 }.order-5{-ms-flex-order:5;order:5 }.order-6{-ms-flex-order:6;order:6 }.order-7{-
ms-flex-order:7;order:7 }.order-8{-ms-flex-order:8;order:8 }.order-9{-ms-flex-
order:9;order:9 }.order-10{-ms-flex-order:10;order:10 }.order-11{-ms-flex-
order:11;order:11 }.order-12{-ms-flex-order:12;order:12 }.offset-1{margin-
left:8.333333% }.offset-2{margin-left:16.666667% }.offset-3{margin-left:25% }.offset-4{margin-
left:33.333333% }.offset-5{margin-left:41.666667% }.offset-6{margin-left:50% }.offset-
7{margin-left:58.333333% }.offset-8{margin-left:66.666667% }.offset-9{margin-
left:75% }.offset-10{margin-left:83.333333% }.offset-11{margin-left:91.666667% } @media
(min-width:576px){.col-sm{-ms-flex-preferred-size:0;flex-basis:0;-ms-flex-positive:1;flex-
grow:1;max-width:100% }.row-cols-sm-1>{* -ms-flex:0 0 100%;flex:0 0 100%;max-
width:100% }.row-cols-sm-2>{* -ms-flex:0 0 50%;flex:0 0 50%;max-width:50% }.row-cols-sm-
3>{* -ms-flex:0 0 33.333333%;flex:0 0 33.333333%;max-width:33.333333% }.row-cols-sm-

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4>{*{-ms-flex:0 0 25%;flex:0 0 25%;max-width:25%}.row-cols-sm-5>{*{-ms-flex:0 0 20%;flex:0
0 20%;max-width:20%}.row-cols-sm-6>{*{-ms-flex:0 0 16.666667%;flex:0 0 16.666667%;max-
width:16.666667%}.col-sm-auto{-ms-flex:0 0 auto;flex:0 0 auto;width:auto;max-
width:100%}.col-sm-1{-ms-flex:0 0 8.333333%;flex:0 0 8.333333%;max-
width:8.333333%}.col-sm-2{-ms-flex:0 0 16.666667%;flex:0 0 16.666667%;max-
width:16.666667%}.col-sm-3{-ms-flex:0 0 25%;flex:0 0 25%;max-width:25%}.col-sm-4{-ms-
flex:0 0 33.333333%;flex:0 0 33.333333%;max-width:33.333333%}.col-sm-5{-ms-flex:0 0
41.666667%;flex:0 0 41.666667%;max-width:41.666667%}.col-sm-6{-ms-flex:0 0 50%;flex:0 0
50%;max-width:50%}.col-sm-7{-ms-flex:0 0 58.333333%;flex:0 0 58.333333%;max-
width:58.333333%}.col-sm-8{-ms-flex:0 0 66.666667%;flex:0 0 66.666667%;max-
width:66.666667%}.col-sm-9{-ms-flex:0 0 75%;flex:0 0 75%;max-width:75%}.col-sm-10{-ms-
flex:0 0 83.333333%;flex:0 0 83.333333%;max-width:83.333333%}.col-sm-11{-ms-flex:0 0
91.666667%;flex:0 0 91.666667%;max-width:91.666667%}.col-sm-12{-ms-flex:0 0
100%;flex:0 0 100%;max-width:100%}.order-sm-first{-ms-flex-order:-1;order:-1}.order-sm-
last{-ms-flex-order:13;order:13}.order-sm-0{-ms-flex-order:0;order:0}.order-sm-1{-ms-flex-
order:1;order:1}.order-sm-2{-ms-flex-order:2;order:2}.order-sm-3{-ms-flex-
order:3;order:3}.order-sm-4{-ms-flex-order:4;order:4}.order-sm-5{-ms-flex-
order:5;order:5}.order-sm-6{-ms-flex-order:6;order:6}.order-sm-7{-ms-flex-
order:7;order:7}.order-sm-8{-ms-flex-order:8;order:8}.order-sm-9{-ms-flex-
order:9;order:9}.order-sm-10{-ms-flex-order:10;order:10}.order-sm-11{-ms-flex-
order:11;order:11}.order-sm-12{-ms-flex-order:12;order:12}.offset-sm-0{margin-left:0}.offset-
sm-1{margin-left:8.333333%}.offset-sm-2{margin-left:16.666667%}.offset-sm-3{margin-
left:25%}.offset-sm-4{margin-left:33.333333%}.offset-sm-5{margin-left:41.666667%}.offset-
sm-6{margin-left:50%}.offset-sm-7{margin-left:58.333333%}.offset-sm-8{margin-
left:66.666667%}.offset-sm-9{margin-left:75%}.offset-sm-10{margin-left:83.333333%}.offset-
sm-11{margin-left:91.666667%}}@media (min-width:768px){.col-md{-ms-flex-preferred-
size:0;flex-basis:0;-ms-flex-positive:1;flex-grow:1;max-width:100%}.row-cols-md-1>{*{-ms-
flex:0 0 100%;flex:0 0 100%;max-width:100%}.row-cols-md-2>{*{-ms-flex:0 0 50%;flex:0 0
50%;max-width:50%}.row-cols-md-3>{*{-ms-flex:0 0 33.333333%;flex:0 0 33.333333%;max-
width:33.333333%}.row-cols-md-4>{*{-ms-flex:0 0 25%;flex:0 0 25%;max-width:25%}.row-
cols-md-5>{*{-ms-flex:0 0 20%;flex:0 0 20%;max-width:20%}.row-cols-md-6>{*{-ms-flex:0 0

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16.666667%;flex:0 0 16.666667%;max-width:16.666667% }.col-md-auto{ -ms-flex:0 0
 auto;flex:0 0 auto;width:auto;max-width:100% }.col-md-1{ -ms-flex:0 0 8.333333%;flex:0 0
 8.333333%;max-width:8.333333% }.col-md-2{ -ms-flex:0 0 16.666667%;flex:0 0
 16.666667%;max-width:16.666667% }.col-md-3{ -ms-flex:0 0 25%;flex:0 0 25%;max-
 width:25% }.col-md-4{ -ms-flex:0 0 33.333333%;flex:0 0 33.333333%;max-
 width:33.333333% }.col-md-5{ -ms-flex:0 0 41.666667%;flex:0 0 41.666667%;max-
 width:41.666667% }.col-md-6{ -ms-flex:0 0 50%;flex:0 0 50%;max-width:50% }.col-md-7{ -ms-
 flex:0 0 58.333333%;flex:0 0 58.333333%;max-width:58.333333% }.col-md-8{ -ms-flex:0 0
 66.666667%;flex:0 0 66.666667%;max-width:66.666667% }.col-md-9{ -ms-flex:0 0 75%;flex:0 0
 75%;max-width:75% }.col-md-10{ -ms-flex:0 0 83.333333%;flex:0 0 83.333333%;max-
 width:83.333333% }.col-md-11{ -ms-flex:0 0 91.666667%;flex:0 0 91.666667%;max-
 width:91.666667% }.col-md-12{ -ms-flex:0 0 100%;flex:0 0 100%;max-width:100% }.order-md-
 first{ -ms-flex-order:-1;order:-1 }.order-md-last{ -ms-flex-order:13;order:13 }.order-md-0{ -ms-
 flex-order:0;order:0 }.order-md-1{ -ms-flex-order:1;order:1 }.order-md-2{ -ms-flex-
 order:2;order:2 }.order-md-3{ -ms-flex-order:3;order:3 }.order-md-4{ -ms-flex-
 order:4;order:4 }.order-md-5{ -ms-flex-order:5;order:5 }.order-md-6{ -ms-flex-
 order:6;order:6 }.order-md-7{ -ms-flex-order:7;order:7 }.order-md-8{ -ms-flex-
 order:8;order:8 }.order-md-9{ -ms-flex-order:9;order:9 }.order-md-10{ -ms-flex-
 order:10;order:10 }.order-md-11{ -ms-flex-order:11;order:11 }.order-md-12{ -ms-flex-
 order:12;order:12 }.offset-md-0{ margin-left:0 }.offset-md-1{ margin-left:8.333333% }.offset-md-
 2{ margin-left:16.666667% }.offset-md-3{ margin-left:25% }.offset-md-4{ margin-
 left:33.333333% }.offset-md-5{ margin-left:41.666667% }.offset-md-6{ margin-left:50% }.offset-
 md-7{ margin-left:58.333333% }.offset-md-8{ margin-left:66.666667% }.offset-md-9{ margin-
 left:75% }.offset-md-10{ margin-left:83.333333% }.offset-md-11{ margin-
 left:91.666667% } } @media (min-width:992px){ .col-lg{ -ms-flex-preferred-size:0;flex-basis:0;-
 ms-flex-positive:1;flex-grow:1;max-width:100% }.row-cols-lg-1>{* -ms-flex:0 0 100%;flex:0 0
 100%;max-width:100% }.row-cols-lg-2>{* -ms-flex:0 0 50%;flex:0 0 50%;max-
 width:50% }.row-cols-lg-3>{* -ms-flex:0 0 33.333333%;flex:0 0 33.333333%;max-
 width:33.333333% }.row-cols-lg-4>{* -ms-flex:0 0 25%;flex:0 0 25%;max-width:25% }.row-
 cols-lg-5>{* -ms-flex:0 0 20%;flex:0 0 20%;max-width:20% }.row-cols-lg-6>{* -ms-flex:0 0
 16.666667%;flex:0 0 16.666667%;max-width:16.666667% }.col-lg-auto{ -ms-flex:0 0 auto;flex:0

0 auto; width: auto; max-width: 100% }. col-lg-1 { -ms-flex: 0 0 8.333333%; flex: 0 0 8.333333%; max-width: 8.333333% }. col-lg-2 { -ms-flex: 0 0 16.666667%; flex: 0 0 16.666667%; max-width: 16.666667% }. col-lg-3 { -ms-flex: 0 0 25%; flex: 0 0 25%; max-width: 25% }. col-lg-4 { -ms-flex: 0 0 33.333333%; flex: 0 0 33.333333%; max-width: 33.333333% }. col-lg-5 { -ms-flex: 0 0 41.666667%; flex: 0 0 41.666667%; max-width: 41.666667% }. col-lg-6 { -ms-flex: 0 0 50%; flex: 0 0 50%; max-width: 50% }. col-lg-7 { -ms-flex: 0 0 58.333333%; flex: 0 0 58.333333%; max-width: 58.333333% }. col-lg-8 { -ms-flex: 0 0 66.666667%; flex: 0 0 66.666667%; max-width: 66.666667% }. col-lg-9 { -ms-flex: 0 0 75%; flex: 0 0 75%; max-width: 75% }. col-lg-10 { -ms-flex: 0 0 83.333333%; flex: 0 0 83.333333%; max-width: 83.333333% }. col-lg-11 { -ms-flex: 0 0 91.666667%; flex: 0 0 91.666667%; max-width: 91.666667% }. col-lg-12 { -ms-flex: 0 0 100%; flex: 0 0 100%; max-width: 100% }. order-lg-first { -ms-flex-order: -1; order: -1 }. order-lg-last { -ms-flex-order: 13; order: 13 }. order-lg-0 { -ms-flex-order: 0; order: 0 }. order-lg-1 { -ms-flex-order: 1; order: 1 }. order-lg-2 { -ms-flex-order: 2; order: 2 }. order-lg-3 { -ms-flex-order: 3; order: 3 }. order-lg-4 { -ms-flex-order: 4; order: 4 }. order-lg-5 { -ms-flex-order: 5; order: 5 }. order-lg-6 { -ms-flex-order: 6; order: 6 }. order-lg-7 { -ms-flex-order: 7; order: 7 }. order-lg-8 { -ms-flex-order: 8; order: 8 }. order-lg-9 { -ms-flex-order: 9; order: 9 }. order-lg-10 { -ms-flex-order: 10; order: 10 }. order-lg-11 { -ms-flex-order: 11; order: 11 }. order-lg-12 { -ms-flex-order: 12; order: 12 }. offset-lg-0 { margin-left: 0 }. offset-lg-1 { margin-left: 8.333333% }. offset-lg-2 { margin-left: 16.666667% }. offset-lg-3 { margin-left: 25% }. offset-lg-4 { margin-left: 33.333333% }. offset-lg-5 { margin-left: 41.666667% }. offset-lg-6 { margin-left: 50% }. offset-lg-7 { margin-left: 58.333333% }. offset-lg-8 { margin-left: 66.666667% }. offset-lg-9 { margin-left: 75% }. offset-lg-10 { margin-left: 83.333333% }. offset-lg-11 { margin-left: 91.666667% } } @media (min-width: 1200px) { .col-xl { -ms-flex-preferred-size: 0; flex-basis: 0; -ms-flex-positive: 1; flex-grow: 1; max-width: 100% }. row-cols-xl-1 > * { -ms-flex: 0 0 100%; flex: 0 0 100%; max-width: 100% }. row-cols-xl-2 > * { -ms-flex: 0 0 50%; flex: 0 0 50%; max-width: 50% }. row-cols-xl-3 > * { -ms-flex: 0 0 33.333333%; flex: 0 0 33.333333%; max-width: 33.333333% }. row-cols-xl-4 > * { -ms-flex: 0 0 25%; flex: 0 0 25%; max-width: 25% }. row-cols-xl-5 > * { -ms-flex: 0 0 20%; flex: 0 0 20%; max-width: 20% }. row-cols-xl-6 > * { -ms-flex: 0 0 16.666667%; flex: 0 0 16.666667%; max-width: 16.666667% }. col-xl-auto { -ms-flex: 0 0 auto; flex: 0 0 auto; width: auto; max-width: 100% }. col-xl-1 { -ms-flex: 0 0 8.333333%; flex: 0 0 8.333333%; max-width: 8.333333% }. col-xl-2 { -ms-flex: 0 0 16.666667%; flex: 0 0 16.666667%; max-

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width:16.666667% }.col-xl-3{-ms-flex:0 0 25%;flex:0 0 25%;max-width:25% }.col-xl-4{-ms-
flex:0 0 33.333333%;flex:0 0 33.333333%;max-width:33.333333% }.col-xl-5{-ms-flex:0 0
41.666667%;flex:0 0 41.666667%;max-width:41.666667% }.col-xl-6{-ms-flex:0 0 50%;flex:0 0
50%;max-width:50% }.col-xl-7{-ms-flex:0 0 58.333333%;flex:0 0 58.333333%;max-
width:58.333333% }.col-xl-8{-ms-flex:0 0 66.666667%;flex:0 0 66.666667%;max-
width:66.666667% }.col-xl-9{-ms-flex:0 0 75%;flex:0 0 75%;max-width:75% }.col-xl-10{-ms-
flex:0 0 83.333333%;flex:0 0 83.333333%;max-width:83.333333% }.col-xl-11{-ms-flex:0 0
91.666667%;flex:0 0 91.666667%;max-width:91.666667% }.col-xl-12{-ms-flex:0 0 100%;flex:0
0 100%;max-width:100% }.order-xl-first{-ms-flex-order:-1;order:-1 }.order-xl-last{-ms-flex-
order:13;order:13 }.order-xl-0{-ms-flex-order:0;order:0 }.order-xl-1{-ms-flex-
order:1;order:1 }.order-xl-2{-ms-flex-order:2;order:2 }.order-xl-3{-ms-flex-
order:3;order:3 }.order-xl-4{-ms-flex-order:4;order:4 }.order-xl-5{-ms-flex-
order:5;order:5 }.order-xl-6{-ms-flex-order:6;order:6 }.order-xl-7{-ms-flex-
order:7;order:7 }.order-xl-8{-ms-flex-order:8;order:8 }.order-xl-9{-ms-flex-
order:9;order:9 }.order-xl-10{-ms-flex-order:10;order:10 }.order-xl-11{-ms-flex-
order:11;order:11 }.order-xl-12{-ms-flex-order:12;order:12 }.offset-xl-0{margin-left:0 }.offset-xl-
1{margin-left:8.333333% }.offset-xl-2{margin-left:16.666667% }.offset-xl-3{margin-
left:25% }.offset-xl-4{margin-left:33.333333% }.offset-xl-5{margin-left:41.666667% }.offset-xl-
6{margin-left:50% }.offset-xl-7{margin-left:58.333333% }.offset-xl-8{margin-
left:66.666667% }.offset-xl-9{margin-left:75% }.offset-xl-10{margin-left:83.333333% }.offset-xl-
11{margin-left:91.666667% } }.table{width:100%;margin-bottom:1rem;color:#212529 }.table
td,.table th{padding:.75rem;vertical-align:top;border-top:1px solid #dee2e6 }.table thead
th{vertical-align:bottom;border-bottom:2px solid #dee2e6 }.table tbody+tbody{border-top:2px
solid #dee2e6 }.table-sm td,.table-sm th{padding:.3rem }.table-bordered{border:1px solid
#dee2e6 }.table-bordered td,.table-bordered th{border:1px solid #dee2e6 }.table-bordered thead
td,.table-bordered thead th{border-bottom-width:2px }.table-borderless tbody+tbody,.table-
borderless td,.table-borderless th,.table-borderless thead th{border:0 }.table-striped tbody
tr:nth-of-type(odd){background-color:rgba(0,0,0,.05) }.table-hover tbody
tr:hover{color:#212529;background-color:rgba(0,0,0,.075) }.table-primary,.table-
primary>td,.table-primary>th{background-color:#b8daff }.table-primary tbody+tbody,.table-
primary td,.table-primary th,.table-primary thead th{border-color:#7abaff }.table-hover .table-

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primary:hover{background-color:#9fcdff}.table-hover .table-primary:hover>td,.table-hover
 .table-primary:hover>th{background-color:#9fcdff}.table-secondary,.table-secondary>td,.table-
 secondary>th{background-color:#d6d8db}.table-secondary tbody+tbody,.table-secondary
 td,.table-secondary th,.table-secondary thead th{border-color:#b3b7bb}.table-hover .table-
 secondary:hover{background-color:#c8cbcf}.table-hover .table-secondary:hover>td,.table-hover
 .table-secondary:hover>th{background-color:#c8cbcf}.table-success,.table-success>td,.table-
 success>th{background-color:#c3e6cb}.table-success tbody+tbody,.table-success td,.table-
 success th,.table-success thead th{border-color:#8fd19e}.table-hover .table-
 success:hover{background-color:#b1dffb}.table-hover .table-success:hover>td,.table-hover
 .table-success:hover>th{background-color:#b1dffb}.table-info,.table-info>td,.table-
 info>th{background-color:#bee5eb}.table-info tbody+tbody,.table-info td,.table-info th,.table-
 info thead th{border-color:#86cfda}.table-hover .table-info:hover{background-
 color:#abdde5}.table-hover .table-info:hover>td,.table-hover .table-info:hover>th{background-
 color:#abdde5}.table-warning,.table-warning>td,.table-warning>th{background-
 color:#ffeeba}.table-warning tbody+tbody,.table-warning td,.table-warning th,.table-warning
 thead th{border-color:#ffdf7e}.table-hover .table-warning:hover{background-
 color:#ffe8a1}.table-hover .table-warning:hover>td,.table-hover .table-
 warning:hover>th{background-color:#ffe8a1}.table-danger,.table-danger>td,.table-
 danger>th{background-color:#f5c6cb}.table-danger tbody+tbody,.table-danger td,.table-danger
 th,.table-danger thead th{border-color:#ed969e}.table-hover .table-danger:hover{background-
 color:#f1b0b7}.table-hover .table-danger:hover>td,.table-hover .table-
 danger:hover>th{background-color:#f1b0b7}.table-light,.table-light>td,.table-
 light>th{background-color:#fdfdfe}.table-light tbody+tbody,.table-light td,.table-light th,.table-
 light thead th{border-color:#fbfcfc}.table-hover .table-light:hover{background-
 color:#ececfc}.table-hover .table-light:hover>td,.table-hover .table-light:hover>th{background-
 color:#ececfc}.table-dark,.table-dark>td,.table-dark>th{background-color:#c6c8ca}.table-dark
 tbody+tbody,.table-dark td,.table-dark th,.table-dark thead th{border-color:#95999c}.table-hover
 .table-dark:hover{background-color:#b9bbbe}.table-hover .table-dark:hover>td,.table-hover
 .table-dark:hover>th{background-color:#b9bbbe}.table-active,.table-active>td,.table-
 active>th{background-color:rgba(0,0,0,.075)}.table-hover .table-active:hover{background-
 color:rgba(0,0,0,.075)}.table-hover .table-active:hover>td,.table-hover .table-

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active: hover> th { background-color: rgba(0,0,0,.075) } .table .thead-dark th { color: #fff; background-color: #343a40; border-color: #454d55 } .table .thead-light th { color: #495057; background-color: #e9ecef; border-color: #dee2e6 } .table-dark { color: #fff; background-color: #343a40 } .table-dark td, .table-dark th, .table-dark thead th { border-color: #454d55 } .table-dark .table-bordered { border: 0 } .table-dark .table-striped tbody tr:nth-of-type(odd) { background-color: rgba(255,255,255,.05) } .table-dark .table-hover tbody tr: hover { color: #fff; background-color: rgba(255,255,255,.075) } @media (max-width: 575.98px) { .table-responsive-sm { display: block; width: 100%; overflow-x: auto; -webkit-overflow-scrolling: touch } .table-responsive-sm> .table-bordered { border: 0 } } @media (max-width: 767.98px) { .table-responsive-md { display: block; width: 100%; overflow-x: auto; -webkit-overflow-scrolling: touch } .table-responsive-md> .table-bordered { border: 0 } } @media (max-width: 991.98px) { .table-responsive-lg { display: block; width: 100%; overflow-x: auto; -webkit-overflow-scrolling: touch } .table-responsive-lg> .table-bordered { border: 0 } } @media (max-width: 1199.98px) { .table-responsive-xl { display: block; width: 100%; overflow-x: auto; -webkit-overflow-scrolling: touch } .table-responsive-xl> .table-bordered { border: 0 } } .table-responsive { display: block; width: 100%; overflow-x: auto; -webkit-overflow-scrolling: touch } .table-responsive> .table-bordered { border: 0 } .form-control { display: block; width: 100%; height: calc(1.5em + .75rem + 2px); padding: .375rem .75rem; font-size: 1rem; font-weight: 400; line-height: 1.5; color: #495057; background-color: #fff; background-clip: padding-box; border: 1px solid #ced4da; border-radius: .25rem; transition: border-color .15s ease-in-out, box-shadow .15s ease-in-out } @media (prefers-reduced-motion: reduce) { .form-control { transition: none } } .form-control::-ms-expand { background-color: transparent; border: 0 } .form-control:-moz-focusring { color: transparent; text-shadow: 0 0 0 #495057 } .form-control:focus { color: #495057; background-color: #fff; border-color: #80bdff; outline: 0; box-shadow: 0 0 0 .2rem rgba(0,123,255,.25) } .form-control::-webkit-input-placeholder { color: #6c757d; opacity: 1 } .form-control::-moz-placeholder { color: #6c757d; opacity: 1 } .form-control:-ms-input-placeholder { color: #6c757d; opacity: 1 } .form-control::-ms-input-placeholder { color: #6c757d; opacity: 1 } .form-control::placeholder { color: #6c757d; opacity: 1 } .form-control:disabled, .form-control[readonly] { background-color: #e9ecef; opacity: 1 } select.form-control:focus::-ms-

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value{color:#495057;background-color:#fff}.form-control-file,.form-control-
range{display:block;width:100%}.col-form-label{padding-top:calc(.375rem + 1px);padding-
bottom:calc(.375rem + 1px);margin-bottom:0;font-size:inherit;line-height:1.5}.col-form-label-
lg{padding-top:calc(.5rem + 1px);padding-bottom:calc(.5rem + 1px);font-size:1.25rem;line-
height:1.5}.col-form-label-sm{padding-top:calc(.25rem + 1px);padding-bottom:calc(.25rem +
1px);font-size:.875rem;line-height:1.5}.form-control-
plaintext{display:block;width:100%;padding:.375rem 0;margin-bottom:0;font-size:1rem;line-
height:1.5;color:#212529;background-color:transparent;border:solid transparent;border-
width:1px 0}.form-control-plaintext.form-control-lg,.form-control-plaintext.form-control-
sm{padding-right:0;padding-left:0}.form-control-sm{height:calc(1.5em + .5rem +
2px);padding:.25rem .5rem;font-size:.875rem;line-height:1.5;border-radius:.2rem}.form-control-
lg{height:calc(1.5em + 1rem + 2px);padding:.5rem 1rem;font-size:1.25rem;line-
height:1.5;border-radius:.3rem}select.form-control[multiple],select.form-
control[size]{height:auto}textarea.form-control{height:auto}.form-group{margin-
bottom:1rem}.form-text{display:block;margin-top:.25rem}.form-row{display:-ms-
flexbox;display:flex;-ms-flex-wrap:wrap;flex-wrap:wrap;margin-right:-5px;margin-left:-
5px}.form-row>.col,.form-row>[class*=col-]{padding-right:5px;padding-left:5px}.form-
check{position:relative;display:block;padding-left:1.25rem}.form-check-
input{position:absolute;margin-top:.3rem;margin-left:-1.25rem}.form-check-
input:disabled~.form-check-label,.form-check-input[disabled]~.form-check-
label{color:#6c757d}.form-check-label{margin-bottom:0}.form-check-inline{display:-ms-
inline-flexbox;display:inline-flex;-ms-flex-align:center;align-items:center;padding-left:0;margin-
right:.75rem}.form-check-inline .form-check-input{position:static;margin-top:0;margin-
right:.3125rem;margin-left:0}.valid-feedback{display:none;width:100%;margin-top:.25rem;font-
size:.8em;color:#28a745}.valid-tooltip{position:absolute;top:100%;z-index:5;display:none;max-
width:100%;padding:.25rem .5rem;margin-top:.1rem;font-size:.875rem;line-
height:1.5;color:#fff;background-color:rgba(40,167,69,.9);border-radius:.25rem}.is-valid~.valid-
feedback,.is-valid~.valid-tooltip,.was-validated :valid~.valid-feedback,.was-validated
:valid~.valid-tooltip{display:block}.form-control.is-valid,.was-validated .form-
control:valid{border-color:#28a745;padding-right:calc(1.5em + .75rem);background-
image:url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' width='8'

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height='8' viewBox='0 0 8 8'%3e%3cpath fill='%2328a745' d='M2.3 6.73L.6 4.53c-.4-1.04.46-1.4 1.1-.81 1.1 1.4 3.4-3.8c.6-.63 1.6-.27 1.2.71-4 4.6c-.43.5-.8.4-1.1.1z'/%3e%3c/svg%3e");background-repeat:no-repeat;background-position:right calc(.375em + .1875rem) center;background-size:calc(.75em + .375rem) calc(.75em + .375rem)}.form-control.is-valid:focus,.was-validated .form-control:valid:focus{border-color:#28a745;box-shadow:0 0 0 .2rem rgba(40,167,69,.25)}.was-validated textarea.form-control:valid,textarea.form-control.is-valid{padding-right:calc(1.5em + .75rem);background-position:top calc(.375em + .1875rem) right calc(.375em + .1875rem)}.custom-select.is-valid,.was-validated .custom-select:valid{border-color:#28a745;padding-right:calc(.75em + 2.3125rem);background:url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' width='4' height='5' viewBox='0 0 4 5'%3e%3cpath fill='%23343a40' d='M2 0L0 2h4zm0 5L0 3h4z'/%3e%3c/svg%3e") no-repeat right .75rem center/8px 10px,url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' width='8' height='8' viewBox='0 0 8 8'%3e%3cpath fill='%2328a745' d='M2.3 6.73L.6 4.53c-.4-1.04.46-1.4 1.1-.81 1.1 1.4 3.4-3.8c.6-.63 1.6-.27 1.2.71-4 4.6c-.43.5-.8.4-1.1.1z'/%3e%3c/svg%3e") #fff no-repeat center right 1.75rem/calc(.75em + .375rem) calc(.75em + .375rem)}.custom-select.is-valid:focus,.was-validated .custom-select:valid:focus{border-color:#28a745;box-shadow:0 0 0 .2rem rgba(40,167,69,.25)}.form-check-input.is-valid~.form-check-label,.was-validated .form-check-input:valid~.form-check-label{color:#28a745}.form-check-input.is-valid~.valid-feedback,.form-check-input.is-valid~.valid-tooltip,.was-validated .form-check-input:valid~.valid-feedback,.was-validated .form-check-input:valid~.valid-tooltip{display:block}.custom-control-input.is-valid~.custom-control-label,.was-validated .custom-control-input:valid~.custom-control-label{color:#28a745}.custom-control-input.is-valid~.custom-control-label::before,.was-validated .custom-control-input:valid~.custom-control-label::before{border-color:#28a745}.custom-control-input.is-valid:checked~.custom-control-label::before,.was-validated .custom-control-input:valid:checked~.custom-control-label::before{border-color:#34ce57;background-color:#34ce57}.custom-control-input.is-valid:focus~.custom-control-label::before,.was-validated .custom-control-input:valid:focus~.custom-control-label::before{box-shadow:0 0 0 .2rem rgba(40,167,69,.25)}.custom-control-input.is-valid:focus:not(:checked)~.custom-control-label::before,.was-validated .custom-control-input:valid:focus:not(:checked)~.custom-control-

label::before{border-color:#28a745}.custom-file-input.is-valid~.custom-file-label,.was-validated .custom-file-input:valid~.custom-file-label{border-color:#28a745}.custom-file-input.is-valid:focus~.custom-file-label,.was-validated .custom-file-input:valid:focus~.custom-file-label{border-color:#28a745;box-shadow:0 0 0 .2rem rgba(40,167,69,.25)}.invalid-feedback{display:none;width:100%;margin-top:.25rem;font-size:80%;color:#dc3545}.invalid-tooltip{position:absolute;top:100%;z-index:5;display:none;max-width:100%;padding:.25rem .5rem;margin-top:.1rem;font-size:.875rem;line-height:1.5;color:#fff;background-color:rgba(220,53,69,.9);border-radius:.25rem}.is-invalid~.invalid-feedback,.is-invalid~.invalid-tooltip,.was-validated .invalid~.invalid-feedback,.was-validated .invalid~.invalid-tooltip{display:block}.form-control.is-invalid,.was-validated .form-control:invalid{border-color:#dc3545;padding-right:calc(1.5em + .75rem);background-image:url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' width='12' height='12' fill='none' stroke='%23dc3545' viewBox='0 0 12 12'%3e%3ccircle cx='6' cy='6' r='4.5'/%3e%3cpath stroke-linejoin='round' d='M5.8 3.6h.4L6 6.5z'/%3e%3ccircle cx='6' cy='8.2' r='.6' fill='%23dc3545' stroke='none'/%3e%3c/svg%3e");background-repeat:no-repeat;background-position:right calc(.375em + .1875rem) center;background-size:calc(.75em + .375rem) calc(.75em + .375rem)}.form-control.is-invalid:focus,.was-validated .form-control:invalid:focus{border-color:#dc3545;box-shadow:0 0 0 .2rem rgba(220,53,69,.25)}.was-validated textarea.form-control:invalid,textarea.form-control.is-invalid{padding-right:calc(1.5em + .75rem);background-position:top calc(.375em + .1875rem) right calc(.375em + .1875rem)}.custom-select.is-invalid,.was-validated .custom-select:invalid{border-color:#dc3545;padding-right:calc(.75em + 2.3125rem);background:url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' width='4' height='5' viewBox='0 0 4 5'%3e%3cpath fill='%23343a40' d='M2 0L0 2h4zm0 5L0 3h4z'/%3e%3c/svg%3e") no-repeat right .75rem center/8px 10px,url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' width='12' height='12' fill='none' stroke='%23dc3545' viewBox='0 0 12 12'%3e%3ccircle cx='6' cy='6' r='4.5'/%3e%3cpath stroke-linejoin='round' d='M5.8 3.6h.4L6 6.5z'/%3e%3ccircle cx='6' cy='8.2' r='.6' fill='%23dc3545' stroke='none'/%3e%3c/svg%3e") #fff no-repeat center right 1.75rem/calc(.75em + .375rem) calc(.75em + .375rem)}.custom-select.is-invalid:focus,.was-validated .custom-select:invalid:focus{border-color:#dc3545;box-shadow:0 0 0 .2rem

rgba(220,53,69,.25)}.form-check-input.is-invalid~.form-check-label,.was-validated .form-check-
 input:invalid~.form-check-label{color:#dc3545}.form-check-input.is-invalid~.invalid-
 feedback,.form-check-input.is-invalid~.invalid-tooltip,.was-validated .form-check-
 input:invalid~.invalid-feedback,.was-validated .form-check-input:invalid~.invalid-
 tooltip{display:block}.custom-control-input.is-invalid~.custom-control-label,.was-validated
 .custom-control-input:invalid~.custom-control-label{color:#dc3545}.custom-control-input.is-
 invalid~.custom-control-label::before,.was-validated .custom-control-input:invalid~.custom-
 control-label::before{border-color:#dc3545}.custom-control-input.is-invalid:checked~.custom-
 control-label::before,.was-validated .custom-control-input:invalid:checked~.custom-control-
 label::before{border-color:#e4606d;background-color:#e4606d}.custom-control-input.is-
 invalid:focus~.custom-control-label::before,.was-validated .custom-control-
 input:invalid:focus~.custom-control-label::before{box-shadow:0 0 0 .2rem
 rgba(220,53,69,.25)}.custom-control-input.is-invalid:focus:not(:checked)~.custom-control-
 label::before,.was-validated .custom-control-input:invalid:focus:not(:checked)~.custom-control-
 label::before{border-color:#dc3545}.custom-file-input.is-invalid~.custom-file-label,.was-
 validated .custom-file-input:invalid~.custom-file-label{border-color:#dc3545}.custom-file-
 input.is-invalid:focus~.custom-file-label,.was-validated .custom-file-
 input:invalid:focus~.custom-file-label{border-color:#dc3545;box-shadow:0 0 0 .2rem
 rgba(220,53,69,.25)}.form-inline{display:-ms-flexbox;display:flex;-ms-flex-flow:row wrap;flex-
 flow:row wrap;-ms-flex-align:center;align-items:center}.form-inline .form-
 check{width:100%}@media (min-width:576px){.form-inline label{display:-ms-
 flexbox;display:flex;-ms-flex-align:center;align-items:center;-ms-flex-pack:center;justify-
 content:center;margin-bottom:0}.form-inline .form-group{display:-ms-flexbox;display:flex;-ms-
 flex:0 0 auto;flex:0 0 auto;-ms-flex-flow:row wrap;flex-flow:row wrap;-ms-flex-
 align:center;align-items:center;margin-bottom:0}.form-inline .form-control{display:inline-
 block;width:auto;vertical-align:middle}.form-inline .form-control-plaintext{display:inline-
 block}.form-inline .custom-select,.form-inline .input-group{width:auto}.form-inline .form-
 check{display:-ms-flexbox;display:flex;-ms-flex-align:center;align-items:center;-ms-flex-
 pack:center;justify-content:center;width:auto;padding-left:0}.form-inline .form-check-
 input{position:relative;-ms-flex-negative:0;flex-shrink:0;margin-top:0;margin-
 right:.25rem;margin-left:0}.form-inline .custom-control{-ms-flex-align:center;align-


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items:center;-ms-flex-pack:center;justify-content:center}.form-inline .custom-control-
label{margin-bottom:0}}.btn{display:inline-block;font-weight:400;color:#212529;text-
align:center;vertical-align:middle;cursor:pointer;-webkit-user-select:none;-moz-user-
select:none;-ms-user-select:none;user-select:none;background-color:transparent;border:1px solid
transparent;padding:.375rem .75rem;font-size:1rem;line-height:1.5;border-
radius:.25rem;transition:color .15s ease-in-out;background-color .15s ease-in-out,border-color
.15s ease-in-out,box-shadow .15s ease-in-out}@media (prefers-reduced-
motion:reduce){.btn{transition:none}}.btn:hover{color:#212529;text-
decoration:none}.btn.focus,.btn:focus{outline:0;box-shadow:0 0 0 .2rem
rgba(0,123,255,.25)}.btn.disabled,.btn:disabled{opacity:.65}a.btn.disabled,fieldset:disabled
a.btn{pointer-events:none}.btn-primary{color:#fff;background-color:#007bff;border-
color:#007bff}.btn-primary:hover{color:#fff;background-color:#0069d9;border-
color:#0062cc}.btn-primary.focus,.btn-primary:focus{color:#fff;background-
color:#0069d9;border-color:#0062cc;box-shadow:0 0 0 .2rem rgba(38,143,255,.5)}.btn-
primary.disabled,.btn-primary:disabled{color:#fff;background-color:#007bff;border-
color:#007bff}.btn-primary:not(:disabled):not(.disabled).active,.btn-
primary:not(:disabled):not(.disabled):active,.show>.btn-primary.dropdown-
toggle{color:#fff;background-color:#0062cc;border-color:#005cbf}.btn-
primary:not(:disabled):not(.disabled).active:focus,.btn-
primary:not(:disabled):not(.disabled):active:focus,.show>.btn-primary.dropdown-
toggle:focus{box-shadow:0 0 0 .2rem rgba(38,143,255,.5)}.btn-
secondary{color:#fff;background-color:#6c757d;border-color:#6c757d}.btn-
secondary:hover{color:#fff;background-color:#5a6268;border-color:#545b62}.btn-
secondary.focus,.btn-secondary:focus{color:#fff;background-color:#5a6268;border-
color:#545b62;box-shadow:0 0 0 .2rem rgba(130,138,145,.5)}.btn-secondary.disabled,.btn-
secondary:disabled{color:#fff;background-color:#6c757d;border-color:#6c757d}.btn-
secondary:not(:disabled):not(.disabled).active,.btn-
secondary:not(:disabled):not(.disabled):active,.show>.btn-secondary.dropdown-
toggle{color:#fff;background-color:#545b62;border-color:#4e555b}.btn-
secondary:not(:disabled):not(.disabled).active:focus,.btn-
secondary:not(:disabled):not(.disabled):active:focus,.show>.btn-secondary.dropdown-

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toggle:focus{ box-shadow:0 0 0 .2rem rgba(130,138,145,.5)}.btn-success{ color:#fff;background-color:#28a745;border-color:#28a745}.btn-success:hover{ color:#fff;background-color:#218838;border-color:#1e7e34}.btn-success.focus,.btn-success:focus{ color:#fff;background-color:#218838;border-color:#1e7e34;box-shadow:0 0 0 .2rem rgba(72,180,97,.5)}.btn-success.disabled,.btn-success:disabled{ color:#fff;background-color:#28a745;border-color:#28a745}.btn-success:not(:disabled):not(.disabled).active,.btn-success:not(:disabled):not(.disabled):active,.show>.btn-success.dropdown-toggle{ color:#fff;background-color:#1e7e34;border-color:#1c7430}.btn-success:not(:disabled):not(.disabled).active:focus,.btn-success:not(:disabled):not(.disabled):active:focus,.show>.btn-success.dropdown-toggle:focus{ box-shadow:0 0 0 .2rem rgba(72,180,97,.5)}.btn-info{ color:#fff;background-color:#17a2b8;border-color:#17a2b8}.btn-info:hover{ color:#fff;background-color:#138496;border-color:#117a8b}.btn-info.focus,.btn-info:focus{ color:#fff;background-color:#138496;border-color:#117a8b;box-shadow:0 0 0 .2rem rgba(58,176,195,.5)}.btn-info.disabled,.btn-info:disabled{ color:#fff;background-color:#17a2b8;border-color:#17a2b8}.btn-info:not(:disabled):not(.disabled).active,.btn-info:not(:disabled):not(.disabled):active,.show>.btn-info.dropdown-toggle{ color:#fff;background-color:#117a8b;border-color:#10707f}.btn-info:not(:disabled):not(.disabled).active:focus,.btn-info:not(:disabled):not(.disabled):active:focus,.show>.btn-info.dropdown-toggle:focus{ box-shadow:0 0 0 .2rem rgba(58,176,195,.5)}.btn-warning{ color:#212529;background-color:#ffc107;border-color:#ffc107}.btn-warning:hover{ color:#212529;background-color:#e0a800;border-color:#d39e00}.btn-warning.focus,.btn-warning:focus{ color:#212529;background-color:#e0a800;border-color:#d39e00;box-shadow:0 0 0 .2rem rgba(222,170,12,.5)}.btn-warning.disabled,.btn-warning:disabled{ color:#212529;background-color:#ffc107;border-color:#ffc107}.btn-warning:not(:disabled):not(.disabled).active,.btn-warning:not(:disabled):not(.disabled):active,.show>.btn-warning.dropdown-toggle{ color:#212529;background-color:#d39e00;border-color:#c69500}.btn-warning:not(:disabled):not(.disabled).active:focus,.btn-warning:not(:disabled):not(.disabled):active:focus,.show>.btn-warning.dropdown-

toggle:focus{ box-shadow:0 0 0 .2rem rgba(222,170,12,.5)}.btn-danger{ color:#fff;background-color:#dc3545;border-color:#dc3545}.btn-danger:hover{ color:#fff;background-color:#c82333;border-color:#bd2130}.btn-danger.focus,.btn-danger:focus{ color:#fff;background-color:#c82333;border-color:#bd2130;box-shadow:0 0 0 .2rem rgba(225,83,97,.5)}.btn-danger.disabled,.btn-danger:disabled{ color:#fff;background-color:#dc3545;border-color:#dc3545}.btn-danger:not(:disabled):not(.disabled).active,.btn-danger:not(:disabled):not(.disabled):active,.show>.btn-danger.dropdown-toggle{ color:#fff;background-color:#bd2130;border-color:#b21f2d}.btn-danger:not(:disabled):not(.disabled).active:focus,.btn-danger:not(:disabled):not(.disabled):active:focus,.show>.btn-danger.dropdown-toggle:focus{ box-shadow:0 0 0 .2rem rgba(225,83,97,.5)}.btn-light{ color:#212529;background-color:#f8f9fa;border-color:#f8f9fa}.btn-light:hover{ color:#212529;background-color:#e2e6ea;border-color:#dae0e5}.btn-light.focus,.btn-light:focus{ color:#212529;background-color:#e2e6ea;border-color:#dae0e5;box-shadow:0 0 0 .2rem rgba(216,217,219,.5)}.btn-light.disabled,.btn-light:disabled{ color:#212529;background-color:#f8f9fa;border-color:#f8f9fa}.btn-light:not(:disabled):not(.disabled).active,.btn-light:not(:disabled):not(.disabled):active,.show>.btn-light.dropdown-toggle{ color:#212529;background-color:#dae0e5;border-color:#d3d9df}.btn-light:not(:disabled):not(.disabled).active:focus,.btn-light:not(:disabled):not(.disabled):active:focus,.show>.btn-light.dropdown-toggle:focus{ box-shadow:0 0 0 .2rem rgba(216,217,219,.5)}.btn-dark{ color:#fff;background-color:#343a40;border-color:#343a40}.btn-dark:hover{ color:#fff;background-color:#23272b;border-color:#1d2124}.btn-dark.focus,.btn-dark:focus{ color:#fff;background-color:#23272b;border-color:#1d2124;box-shadow:0 0 0 .2rem rgba(82,88,93,.5)}.btn-dark.disabled,.btn-dark:disabled{ color:#fff;background-color:#343a40;border-color:#343a40}.btn-dark:not(:disabled):not(.disabled).active,.btn-dark:not(:disabled):not(.disabled):active,.show>.btn-dark.dropdown-toggle{ color:#fff;background-color:#1d2124;border-color:#171a1d}.btn-dark:not(:disabled):not(.disabled).active:focus,.btn-dark:not(:disabled):not(.disabled):active:focus,.show>.btn-dark.dropdown-toggle:focus{ box-shadow:0 0 0 .2rem rgba(82,88,93,.5)}.btn-outline-primary{ color:#007bff;border-

color:#007bff}.btn-outline-primary:hover{ color:#fff;background-color:#007bff;border-color:#007bff}.btn-outline-primary.focus,.btn-outline-primary:focus{ box-shadow:0 0 0 .2rem rgba(0,123,255,.5)}.btn-outline-primary.disabled,.btn-outline-primary:disabled{ color:#007bff;background-color:transparent}.btn-outline-primary:not(:disabled):not(.disabled).active,.btn-outline-primary:not(:disabled):not(.disabled):active,.show>.btn-outline-primary.dropdown-toggle{ color:#fff;background-color:#007bff;border-color:#007bff}.btn-outline-primary:not(:disabled):not(.disabled).active:focus,.btn-outline-primary:not(:disabled):not(.disabled):active:focus,.show>.btn-outline-primary.dropdown-toggle:focus{ box-shadow:0 0 0 .2rem rgba(0,123,255,.5)}.btn-outline-secondary{ color:#6c757d;border-color:#6c757d}.btn-outline-secondary:hover{ color:#fff;background-color:#6c757d;border-color:#6c757d}.btn-outline-secondary.focus,.btn-outline-secondary:focus{ box-shadow:0 0 0 .2rem rgba(108,117,125,.5)}.btn-outline-secondary.disabled,.btn-outline-secondary:disabled{ color:#6c757d;background-color:transparent}.btn-outline-secondary:not(:disabled):not(.disabled).active,.btn-outline-secondary:not(:disabled):not(.disabled):active,.show>.btn-outline-secondary.dropdown-toggle{ color:#fff;background-color:#6c757d;border-color:#6c757d}.btn-outline-secondary:not(:disabled):not(.disabled).active:focus,.btn-outline-secondary:not(:disabled):not(.disabled):active:focus,.show>.btn-outline-secondary.dropdown-toggle:focus{ box-shadow:0 0 0 .2rem rgba(108,117,125,.5)}.btn-outline-success{ color:#28a745;border-color:#28a745}.btn-outline-success:hover{ color:#fff;background-color:#28a745;border-color:#28a745}.btn-outline-success.focus,.btn-outline-success:focus{ box-shadow:0 0 0 .2rem rgba(40,167,69,.5)}.btn-outline-success.disabled,.btn-outline-success:disabled{ color:#28a745;background-color:transparent}.btn-outline-success:not(:disabled):not(.disabled).active,.btn-outline-success:not(:disabled):not(.disabled):active,.show>.btn-outline-success.dropdown-toggle{ color:#fff;background-color:#28a745;border-color:#28a745}.btn-outline-success:not(:disabled):not(.disabled).active:focus,.btn-outline-success:not(:disabled):not(.disabled):active:focus,.show>.btn-outline-success.dropdown-toggle:focus{ box-shadow:0 0 0 .2rem rgba(40,167,69,.5)}.btn-outline-

info{color:#17a2b8;border-color:#17a2b8}.btn-outline-info:hover{color:#fff;background-color:#17a2b8;border-color:#17a2b8}.btn-outline-info.focus,.btn-outline-info:focus{box-shadow:0 0 0 .2rem rgba(23,162,184,.5)}.btn-outline-info.disabled,.btn-outline-info:disabled{color:#17a2b8;background-color:transparent}.btn-outline-info:not(:disabled):not(.disabled).active,.btn-outline-info:not(:disabled):not(.disabled):active,.show>.btn-outline-info.dropdown-toggle{color:#fff;background-color:#17a2b8;border-color:#17a2b8}.btn-outline-info:not(:disabled):not(.disabled).active:focus,.btn-outline-info:not(:disabled):not(.disabled):active:focus,.show>.btn-outline-info.dropdown-toggle:focus{box-shadow:0 0 0 .2rem rgba(23,162,184,.5)}.btn-outline-warning{color:#ffc107;border-color:#ffc107}.btn-outline-warning:hover{color:#212529;background-color:#ffc107;border-color:#ffc107}.btn-outline-warning.focus,.btn-outline-warning:focus{box-shadow:0 0 0 .2rem rgba(255,193,7,.5)}.btn-outline-warning.disabled,.btn-outline-warning:disabled{color:#ffc107;background-color:transparent}.btn-outline-warning:not(:disabled):not(.disabled).active,.btn-outline-warning:not(:disabled):not(.disabled):active,.show>.btn-outline-warning.dropdown-toggle{color:#212529;background-color:#ffc107;border-color:#ffc107}.btn-outline-warning:not(:disabled):not(.disabled).active:focus,.btn-outline-warning:not(:disabled):not(.disabled):active:focus,.show>.btn-outline-warning.dropdown-toggle:focus{box-shadow:0 0 0 .2rem rgba(255,193,7,.5)}.btn-outline-danger{color:#dc3545;border-color:#dc3545}.btn-outline-danger:hover{color:#fff;background-color:#dc3545;border-color:#dc3545}.btn-outline-danger.focus,.btn-outline-danger:focus{box-shadow:0 0 0 .2rem rgba(220,53,69,.5)}.btn-outline-danger.disabled,.btn-outline-danger:disabled{color:#dc3545;background-color:transparent}.btn-outline-danger:not(:disabled):not(.disabled).active,.btn-outline-danger:not(:disabled):not(.disabled):active,.show>.btn-outline-danger.dropdown-toggle{color:#fff;background-color:#dc3545;border-color:#dc3545}.btn-outline-danger:not(:disabled):not(.disabled).active:focus,.btn-outline-danger:not(:disabled):not(.disabled):active:focus,.show>.btn-outline-danger.dropdown-toggle:focus{box-shadow:0 0 0 .2rem rgba(220,53,69,.5)}.btn-outline-light{color:#f8f9fa;border-color:#f8f9fa}.btn-outline-light:hover{color:#212529;background-

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color:#f8f9fa;border-color:#f8f9fa}.btn-outline-light.focus,.btn-outline-light:focus{box-
shadow:0 0 0 .2rem rgba(248,249,250,.5)}.btn-outline-light.disabled,.btn-outline-
light:disabled{color:#f8f9fa;background-color:transparent}.btn-outline-
light:not(:disabled):not(.disabled).active,.btn-outline-
light:not(:disabled):not(.disabled):active,.show>.btn-outline-light.dropdown-
toggle{color:#212529;background-color:#f8f9fa;border-color:#f8f9fa}.btn-outline-
light:not(:disabled):not(.disabled).active:focus,.btn-outline-
light:not(:disabled):not(.disabled):active:focus,.show>.btn-outline-light.dropdown-
toggle:focus{box-shadow:0 0 0 .2rem rgba(248,249,250,.5)}.btn-outline-
dark{color:#343a40;border-color:#343a40}.btn-outline-dark:hover{color:#fff;background-
color:#343a40;border-color:#343a40}.btn-outline-dark.focus,.btn-outline-dark:focus{box-
shadow:0 0 0 .2rem rgba(52,58,64,.5)}.btn-outline-dark.disabled,.btn-outline-
dark:disabled{color:#343a40;background-color:transparent}.btn-outline-
dark:not(:disabled):not(.disabled).active,.btn-outline-
dark:not(:disabled):not(.disabled):active,.show>.btn-outline-dark.dropdown-
toggle{color:#fff;background-color:#343a40;border-color:#343a40}.btn-outline-
dark:not(:disabled):not(.disabled).active:focus,.btn-outline-
dark:not(:disabled):not(.disabled):active:focus,.show>.btn-outline-dark.dropdown-
toggle:focus{box-shadow:0 0 0 .2rem rgba(52,58,64,.5)}.btn-link{font-
weight:400;color:#007bff;text-decoration:none}.btn-link:hover{color:#0056b3;text-
decoration:underline}.btn-link.focus,.btn-link:focus{text-decoration:underline;box-
shadow:none}.btn-link.disabled,.btn-link:disabled{color:#6c757d;pointer-events:none}.btn-
group-lg>.btn,.btn-lg{padding:.5rem 1rem;font-size:1.25rem;line-height:1.5;border-
radius:.3rem}.btn-group-sm>.btn,.btn-sm{padding:.25rem .5rem;font-size:.875rem;line-
height:1.5;border-radius:.2rem}.btn-block{display:block;width:100%}.btn-block+.btn-
block{margin-top:.5rem}input[type=button].btn-block,input[type=reset].btn-
block,input[type=submit].btn-block{width:100%}.fade{transition:opacity .15s linear}@media
(prefers-reduced-
motion:reduce){.fade{transition:none}}.fade:not(.show){opacity:0}.collapse:not(.show){display:
none}.collapsing{position:relative;height:0;overflow:hidden;transition:height .35s ease}@media
(prefers-reduced-

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motion:reduce){.collapsing{transition:none}}.dropdown,.dropleft,.dropright,.dropup{position:rel
ative}.dropdown-toggle{white-space:nowrap}.dropdown-toggle::after{display:inline-
block;margin-left:.255em;vertical-align:.255em;content:"";border-top:.3em solid;border-
right:.3em solid transparent;border-bottom:0;border-left:.3em solid transparent}.dropdown-
toggle:empty::after{margin-left:0}.dropdown-menu{position:absolute;top:100%;left:0;z-
index:1000;display:none;float:left;min-width:10rem;padding:.5rem 0;margin:.125rem 0 0;font-
size:1rem;color:#212529;text-align:left;list-style:none;background-color:#fff;background-
clip:padding-box;border:1px solid rgba(0,0,0,.15);border-radius:.25rem}.dropdown-menu-
left{right:auto;left:0}.dropdown-menu-right{right:0;left:auto}@media (min-
width:576px){.dropdown-menu-sm-left{right:auto;left:0}.dropdown-menu-sm-
right{right:0;left:auto}}@media (min-width:768px){.dropdown-menu-md-
left{right:auto;left:0}.dropdown-menu-md-right{right:0;left:auto}}@media (min-
width:992px){.dropdown-menu-lg-left{right:auto;left:0}.dropdown-menu-lg-
right{right:0;left:auto}}@media (min-width:1200px){.dropdown-menu-xl-
left{right:auto;left:0}.dropdown-menu-xl-right{right:0;left:auto}}.dropup .dropdown-
menu{top:auto;bottom:100%;margin-top:0;margin-bottom:.125rem}.dropup .dropdown-
toggle::after{display:inline-block;margin-left:.255em;vertical-align:.255em;content:"";border-
top:0;border-right:.3em solid transparent;border-bottom:.3em solid;border-left:.3em solid
transparent}.dropup .dropdown-toggle:empty::after{margin-left:0}.dropright .dropdown-
menu{top:0;right:auto;left:100%;margin-top:0;margin-left:.125rem}.dropright .dropdown-
toggle::after{display:inline-block;margin-left:.255em;vertical-align:.255em;content:"";border-
top:.3em solid transparent;border-right:0;border-bottom:.3em solid transparent;border-left:.3em
solid}.dropright .dropdown-toggle:empty::after{margin-left:0}.dropright .dropdown-
toggle::after{vertical-align:0}.dropleft .dropdown-menu{top:0;right:100%;left:auto;margin-
top:0;margin-right:.125rem}.dropleft .dropdown-toggle::after{display:inline-block;margin-
left:.255em;vertical-align:.255em;content:""}.dropleft .dropdown-
toggle::after{display:none}.dropleft .dropdown-toggle::before{display:inline-block;margin-
right:.255em;vertical-align:.255em;content:"";border-top:.3em solid transparent;border-
right:.3em solid;border-bottom:.3em solid transparent}.dropleft .dropdown-
toggle:empty::after{margin-left:0}.dropleft .dropdown-toggle::before{vertical-
align:0}.dropdown-menu[x-placement^=bottom],.dropdown-menu[x-

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placement^=left],.dropdown-menu[x-placement^=right],.dropdown-menu[x-
placement^=top]){right:auto;bottom:auto}.dropdown-divider{height:0;margin:.5rem
0;overflow:hidden;border-top:1px solid #e9ecef}.dropdown-
item{display:block;width:100%;padding:.25rem 1.5rem;clear:both;font-
weight:400;color:#212529;text-align:inherit;white-space:nowrap;background-
color:transparent;border:0}.dropdown-item:focus,.dropdown-item:hover{color:#16181b;text-
decoration:none;background-color:#f8f9fa}.dropdown-item.active,.dropdown-
item:active{color:#fff;text-decoration:none;background-color:#007bff}.dropdown-
item.disabled,.dropdown-item:disabled{color:#6c757d;pointer-events:none;background-
color:transparent}.dropdown-menu.show{display:block}.dropdown-
header{display:block;padding:.5rem 1.5rem;margin-bottom:0;font-
size:.875rem;color:#6c757d;white-space:nowrap}.dropdown-item-
text{display:block;padding:.25rem 1.5rem;color:#212529}.btn-group,.btn-group-
vertical{position:relative;display:-ms-inline-flexbox;display:inline-flex;vertical-
align:middle}.btn-group-vertical>.btn,.btn-group>.btn{position:relative;-ms-flex:1 1 auto;flex:1
1 auto}.btn-group-vertical>.btn:hover,.btn-group>.btn:hover{z-index:1}.btn-group-
vertical>.btn.active,.btn-group-vertical>.btn:active,.btn-group-vertical>.btn:focus,.btn-
group>.btn.active,.btn-group>.btn:active,.btn-group>.btn:focus{z-index:1}.btn-toolbar{display:-
ms-flexbox;display:flex;-ms-flex-wrap:wrap;flex-wrap:wrap;-ms-flex-pack:start;justify-
content:flex-start}.btn-toolbar .input-group{width:auto}.btn-group>.btn-group:not(:first-
child),.btn-group>.btn:not(:first-child){margin-left:-1px}.btn-group>.btn-group:not(:last-
child)>.btn,.btn-group>.btn:not(:last-child):not(.dropdown-toggle){border-top-right-
radius:0;border-bottom-right-radius:0}.btn-group>.btn-group:not(:first-child)>.btn,.btn-
group>.btn:not(:first-child){border-top-left-radius:0;border-bottom-left-radius:0}.dropdown-
toggle-split{padding-right:.5625rem;padding-left:.5625rem}.dropdown-toggle-
split::after,.dropright .dropdown-toggle-split::after,.dropup .dropdown-toggle-split::after{margin-
left:0}.dropleft .dropdown-toggle-split::before{margin-right:0}.btn-group-sm>.btn+.dropdown-
toggle-split,.btn-sm+.dropdown-toggle-split{padding-right:.375rem;padding-left:.375rem}.btn-
group-lg>.btn+.dropdown-toggle-split,.btn-lg+.dropdown-toggle-split{padding-
right:.75rem;padding-left:.75rem}.btn-group-vertical{-ms-flex-direction:column;flex-
direction:column;-ms-flex-align:start;align-items:flex-start;-ms-flex-pack:center;justify-

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content:center}.btn-group-vertical>.btn,.btn-group-vertical>.btn-group{width:100%}.btn-group-
vertical>.btn-group:not(:first-child),.btn-group-vertical>.btn:not(:first-child){margin-top:-
1px}.btn-group-vertical>.btn-group:not(:last-child)>.btn,.btn-group-vertical>.btn:not(:last-
child):not(.dropdown-toggle){border-bottom-right-radius:0;border-bottom-left-radius:0}.btn-
group-vertical>.btn-group:not(:first-child)>.btn,.btn-group-vertical>.btn:not(:first-child){border-
top-left-radius:0;border-top-right-radius:0}.btn-group-toggle>.btn,.btn-group-toggle>.btn-
group>.btn{margin-bottom:0}.btn-group-toggle>.btn input[type=checkbox],.btn-group-
toggle>.btn input[type=radio],.btn-group-toggle>.btn-group>.btn input[type=checkbox],.btn-
group-toggle>.btn-group>.btn input[type=radio]{position:absolute;clip:rect(0,0,0,0);pointer-
events:none}.input-group{position:relative;display:-ms-flexbox;display:flex;-ms-flex-
wrap:wrap;flex-wrap:wrap;-ms-flex-align:stretch;align-items:stretch;width:100%}.input-
group>.custom-file,.input-group>.custom-select,.input-group>.form-control,.input-group>.form-
control-plaintext{position:relative;-ms-flex:1 1 0%;flex:1 1 0%;min-width:0;margin-
bottom:0}.input-group>.custom-file+.custom-file,.input-group>.custom-file+.custom-
select,.input-group>.custom-file+.form-control,.input-group>.custom-select+.custom-file,.input-
group>.custom-select+.custom-select,.input-group>.custom-select+.form-control,.input-
group>.form-control+.custom-file,.input-group>.form-control+.custom-select,.input-
group>.form-control+.form-control,.input-group>.form-control-plaintext+.custom-file,.input-
group>.form-control-plaintext+.custom-select,.input-group>.form-control-plaintext+.form-
control{margin-left:-1px}.input-group>.custom-file .custom-file-input:focus~.custom-file-
label,.input-group>.custom-select:focus,.input-group>.form-control:focus{z-index:3}.input-
group>.custom-file .custom-file-input:focus{z-index:4}.input-group>.custom-select:not(:last-
child),.input-group>.form-control:not(:last-child){border-top-right-radius:0;border-bottom-right-
radius:0}.input-group>.custom-select:not(:first-child),.input-group>.form-control:not(:first-
child){border-top-left-radius:0;border-bottom-left-radius:0}.input-group>.custom-file{display:-
ms-flexbox;display:flex;-ms-flex-align:center;align-items:center}.input-group>.custom-
file:not(:last-child) .custom-file-label,.input-group>.custom-file:not(:last-child) .custom-file-
label::after{border-top-right-radius:0;border-bottom-right-radius:0}.input-group>.custom-
file:not(:first-child) .custom-file-label{border-top-left-radius:0;border-bottom-left-
radius:0}.input-group-append,.input-group-prepend{display:-ms-flexbox;display:flex}.input-
group-append .btn,.input-group-prepend .btn{position:relative;z-index:2}.input-group-append

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.btn:focus,.input-group-prepend .btn:focus{z-index:3}.input-group-append .btn+.btn,.input-
group-append .btn+.input-group-text,.input-group-append .input-group-text+.btn,.input-group-
append .input-group-text+.input-group-text,.input-group-prepend .btn+.btn,.input-group-prepend
.btn+.input-group-text,.input-group-prepend .input-group-text+.btn,.input-group-prepend .input-
group-text+.input-group-text{margin-left:-1px}.input-group-prepend{margin-right:-1px}.input-
group-append{margin-left:-1px}.input-group-text{display:-ms-flexbox;display:flex;-ms-flex-
align:center;align-items:center;padding:.375rem .75rem;margin-bottom:0;font-size:1rem;font-
weight:400;line-height:1.5;color:#495057;text-align:center;white-space:nowrap;background-
color:#e9ecef;border:1px solid #ced4da;border-radius:.25rem}.input-group-text
input[type=checkbox],.input-group-text input[type=radio]{margin-top:0}.input-group-
lg>.custom-select,.input-group-lg>.form-control:not(textarea){height:calc(1.5em + 1rem +
2px)}.input-group-lg>.custom-select,.input-group-lg>.form-control,.input-group-lg>.input-
group-append>.btn,.input-group-lg>.input-group-append>.input-group-text,.input-group-
lg>.input-group-prepend>.btn,.input-group-lg>.input-group-prepend>.input-group-
text{padding:.5rem 1rem;font-size:1.25rem;line-height:1.5;border-radius:.3rem}.input-group-
sm>.custom-select,.input-group-sm>.form-control:not(textarea){height:calc(1.5em + .5rem +
2px)}.input-group-sm>.custom-select,.input-group-sm>.form-control,.input-group-sm>.input-
group-append>.btn,.input-group-sm>.input-group-append>.input-group-text,.input-group-
sm>.input-group-prepend>.btn,.input-group-sm>.input-group-prepend>.input-group-
text{padding:.25rem .5rem;font-size:.875rem;line-height:1.5;border-radius:.2rem}.input-group-
lg>.custom-select,.input-group-sm>.custom-select{padding-right:1.75rem}.input-group>.input-
group-append:last-child>.btn:not(:last-child):not(.dropdown-toggle),.input-group>.input-group-
append:last-child>.input-group-text:not(:last-child),.input-group>.input-group-append:not(:last-
child)>.btn,.input-group>.input-group-append:not(:last-child)>.input-group-text,.input-
group>.input-group-prepend>.btn,.input-group>.input-group-prepend>.input-group-text{border-
top-right-radius:0;border-bottom-right-radius:0}.input-group>.input-group-append>.btn,.input-
group>.input-group-append>.input-group-text,.input-group>.input-group-prepend:first-
child>.btn:not(:first-child),.input-group>.input-group-prepend:first-child>.input-group-
text:not(:first-child),.input-group>.input-group-prepend:not(:first-child)>.btn,.input-
group>.input-group-prepend:not(:first-child)>.input-group-text{border-top-left-radius:0;border-
bottom-left-radius:0}.custom-control{position:relative;display:block;min-

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height:1.5rem;padding-left:1.5rem}.custom-control-inline{display:-ms-inline-
flexbox;display:inline-flex;margin-right:1rem}.custom-control-input{position:absolute;left:0;z-
index:-1;width:1rem;height:1.25rem;opacity:0}.custom-control-input:checked~.custom-control-
label::before{color:#fff;border-color:#007bff;background-color:#007bff}.custom-control-
input:focus~.custom-control-label::before{box-shadow:0 0 0 .2rem
rgba(0,123,255,.25)}.custom-control-input:focus:not(:checked)~.custom-control-
label::before{border-color:#80bdff}.custom-control-input:not(:disabled):active~.custom-control-
label::before{color:#fff;background-color:#b3d7ff;border-color:#b3d7ff}.custom-control-
input:disabled~.custom-control-label,.custom-control-input[disabled]~.custom-control-
label{color:#6c757d}.custom-control-input:disabled~.custom-control-label::before,.custom-
control-input[disabled]~.custom-control-label::before{background-color:#e9ecef}.custom-
control-label{position:relative;margin-bottom:0;vertical-align:top}.custom-control-
label::before{position:absolute;top:.25rem;left:-
1.5rem;display:block;width:1rem;height:1rem;pointer-events:none;content:"";background-
color:#fff;border:#adb5bd solid 1px}.custom-control-
label::after{position:absolute;top:.25rem;left:-
1.5rem;display:block;width:1rem;height:1rem;content:"";background:no-repeat 50%/50%
50%}.custom-checkbox .custom-control-label::before{border-radius:.25rem}.custom-checkbox
.custom-control-input:checked~.custom-control-label::after{background-
image:url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' width='8'
height='8' viewBox='0 0 8 8'%3e%3cpath fill='%23fff' d='M6.564 7.551 3.5 3.612 1.538 1.55L0
4.261 2.99L8 2.193z'%3e%3c/svg%3e")}.custom-checkbox .custom-control-
input:indeterminate~.custom-control-label::before{border-color:#007bff;background-
color:#007bff}.custom-checkbox .custom-control-input:indeterminate~.custom-control-
label::after{background-image:url("data:image/svg+xml,%3csvg
xmlns='http://www.w3.org/2000/svg' width='4' height='4' viewBox='0 0 4 4'%3e%3cpath
stroke='%23fff' d='M0 2h4'%3e%3c/svg%3e")}.custom-checkbox .custom-control-
input:disabled:checked~.custom-control-label::before{background-
color:rgba(0,123,255,.5)}.custom-checkbox .custom-control-
input:disabled:indeterminate~.custom-control-label::before{background-
color:rgba(0,123,255,.5)}.custom-radio .custom-control-label::before{border-

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radius:50% }.custom-radio .custom-control-input:checked~.custom-control-
label::after{background-image:url("data:image/svg+xml,%3csvg
xmlns='http://www.w3.org/2000/svg' width='12' height='12' viewBox='-4 -4 8 8'%3e%3ccircle
r='3' fill='%23fff'%3e%3c/svg%3e")}.custom-radio .custom-control-
input:disabled:checked~.custom-control-label::before{background-
color:rgba(0,123,255,.5)}.custom-switch{padding-left:2.25rem}.custom-switch .custom-control-
label::before{left:-2.25rem;width:1.75rem;pointer-events:all;border-radius:.5rem}.custom-
switch .custom-control-label::after{top:calc(.25rem + 2px);left:calc(-2.25rem +
2px);width:calc(1rem - 4px);height:calc(1rem - 4px);background-color:#adb5bd;border-
radius:.5rem;transition:background-color .15s ease-in-out,border-color .15s ease-in-out,box-
shadow .15s ease-in-out,-webkit-transform .15s ease-in-out;transition:transform .15s ease-in-
out,background-color .15s ease-in-out,border-color .15s ease-in-out,box-shadow .15s ease-in-
out;transition:transform .15s ease-in-out,background-color .15s ease-in-out,border-color .15s
ease-in-out,box-shadow .15s ease-in-out,-webkit-transform .15s ease-in-out}@media (prefers-
reduced-motion:reduce){.custom-switch .custom-control-label::after{transition:none}}.custom-
switch .custom-control-input:checked~.custom-control-label::after{background-color:#fff;-
webkit-transform:translateX(.75rem);transform:translateX(.75rem)}.custom-switch .custom-
control-input:disabled:checked~.custom-control-label::before{background-
color:rgba(0,123,255,.5)}.custom-select{display:inline-block;width:100%;height:calc(1.5em +
.75rem + 2px);padding:.375rem 1.75rem .375rem .75rem;font-size:1rem;font-weight:400;line-
height:1.5;color:#495057;vertical-align:middle;background:#fff
url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' width='4' height='5'
viewBox='0 0 4 5'%3e%3cpath fill='%23343a40' d='M2 0L0 2h4zm0 5L0
3h4z'%3e%3c/svg%3e") no-repeat right .75rem center/8px 10px;border:1px solid
#ced4da;border-radius:.25rem;-webkit-appearance:none;-moz-
appearance:none;appearance:none}.custom-select:focus{border-color:#80bdff;outline:0;box-
shadow:0 0 0 .2rem rgba(0,123,255,.25)}.custom-select:focus::-ms-
value{color:#495057;background-color:#fff}.custom-select[multiple],.custom-
select[size]:not([size="1"]){height:auto;padding-right:.75rem;background-image:none}.custom-
select:disabled{color:#6c757d;background-color:#e9ecef}.custom-select::-ms-
expand{display:none}.custom-select:-moz-focusring{color:transparent;text-shadow:0 0 0

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#495057}.custom-select-sm{height:calc(1.5em + .5rem + 2px);padding-top:.25rem;padding-
bottom:.25rem;padding-left:.5rem;font-size:.875rem}.custom-select-lg{height:calc(1.5em +
1rem + 2px);padding-top:.5rem;padding-bottom:.5rem;padding-left:1rem;font-
size:1.25rem}.custom-file{position:relative;display:inline-block;width:100%;height:calc(1.5em
+ .75rem + 2px);margin-bottom:0}.custom-file-input{position:relative;z-
index:2;width:100%;height:calc(1.5em + .75rem + 2px);margin:0;opacity:0}.custom-file-
input:focus~.custom-file-label{border-color:#80bfff;box-shadow:0 0 0 .2rem
rgba(0,123,255,.25)}.custom-file-input:disabled~.custom-file-label,.custom-file-
input[disabled]~.custom-file-label{background-color:#e9ecef}.custom-file-
input:lang(en)~.custom-file-label::after{content:"Browse"}.custom-file-input~.custom-file-
label[data-browse]::after{content:attr(data-browse)}.custom-file-
label{position:absolute;top:0;right:0;left:0;z-index:1;height:calc(1.5em + .75rem +
2px);padding:.375rem .75rem;font-weight:400;line-height:1.5;color:#495057;background-
color:#fff;border:1px solid #ced4da;border-radius:.25rem}.custom-file-
label::after{position:absolute;top:0;right:0;bottom:0;z-index:3;display:block;height:calc(1.5em +
.75rem);padding:.375rem .75rem;line-height:1.5;color:#495057;content:"Browse";background-
color:#e9ecef;border-left:inherit;border-radius:0 .25rem .25rem 0}.custom-
range{width:100%;height:1.4rem;padding:0;background-color:transparent;-webkit-
appearance:none;-moz-appearance:none;appearance:none}.custom-
range:focus{outline:0}.custom-range:focus::-webkit-slider-thumb{box-shadow:0 0 0 1px #fff,0
0 0 .2rem rgba(0,123,255,.25)}.custom-range:focus::-moz-range-thumb{box-shadow:0 0 0 1px
#fff,0 0 0 .2rem rgba(0,123,255,.25)}.custom-range:focus::-ms-thumb{box-shadow:0 0 0 1px
#fff,0 0 0 .2rem rgba(0,123,255,.25)}.custom-range:focus::-moz-focus-outer{border:0}.custom-
range::-webkit-slider-thumb{width:1rem;height:1rem;margin-top:-.25rem;background-
color:#007bff;border:0;border-radius:1rem;-webkit-transition:background-color .15s ease-in-
out,border-color .15s ease-in-out,box-shadow .15s ease-in-out;transition:background-color .15s
ease-in-out,border-color .15s ease-in-out,box-shadow .15s ease-in-out;-webkit-
appearance:none;appearance:none}@media (prefers-reduced-motion:reduce){.custom-range::-
webkit-slider-thumb{-webkit-transition:none;transition:none}}.custom-range::-webkit-slider-
thumb:active{background-color:#b3d7ff}.custom-range::-webkit-slider-runnable-
track{width:100%;height:.5rem;color:transparent;cursor:pointer;background-

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color:#dee2e6;border-color:transparent;border-radius:1rem}.custom-range::-moz-range-
thumb{width:1rem;height:1rem;background-color:#007bff;border:0;border-radius:1rem;-moz-
transition:background-color .15s ease-in-out,border-color .15s ease-in-out,box-shadow .15s ease-
in-out;transition:background-color .15s ease-in-out,border-color .15s ease-in-out,box-shadow
.15s ease-in-out;-moz-appearance:none;appearance:none}@media (prefers-reduced-
motion:reduce){.custom-range::-moz-range-thumb{-moz-
transition:none;transition:none}}.custom-range::-moz-range-thumb:active{background-
color:#b3d7ff}.custom-range::-moz-range-
track{width:100%;height:.5rem;color:transparent;cursor:pointer;background-
color:#dee2e6;border-color:transparent;border-radius:1rem}.custom-range::-ms-
thumb{width:1rem;height:1rem;margin-top:0;margin-right:.2rem;margin-left:.2rem;background-
color:#007bff;border:0;border-radius:1rem;-ms-transition:background-color .15s ease-in-
out,border-color .15s ease-in-out,box-shadow .15s ease-in-out;transition:background-color .15s
ease-in-out,border-color .15s ease-in-out,box-shadow .15s ease-in-out;appearance:none}@media
(prefers-reduced-motion:reduce){.custom-range::-ms-thumb{-ms-
transition:none;transition:none}}.custom-range::-ms-thumb:active{background-
color:#b3d7ff}.custom-range::-ms-
track{width:100%;height:.5rem;color:transparent;cursor:pointer;background-
color:transparent;border-color:transparent;border-width:.5rem}.custom-range::-ms-fill-
lower{background-color:#dee2e6;border-radius:1rem}.custom-range::-ms-fill-upper{margin-
right:15px;background-color:#dee2e6;border-radius:1rem}.custom-range:disabled::-webkit-
slider-thumb{background-color:#adb5bd}.custom-range:disabled::-webkit-slider-runnable-
track{cursor:default}.custom-range:disabled::-moz-range-thumb{background-
color:#adb5bd}.custom-range:disabled::-moz-range-track{cursor:default}.custom-
range:disabled::-ms-thumb{background-color:#adb5bd}.custom-control-label::before,.custom-
file-label,.custom-select{transition:background-color .15s ease-in-out,border-color .15s ease-in-
out,box-shadow .15s ease-in-out}@media (prefers-reduced-motion:reduce){.custom-control-
label::before,.custom-file-label,.custom-select{transition:none}}.nav{display:-ms-
flexbox;display:flex;-ms-flex-wrap:wrap;flex-wrap:wrap;padding-left:0;margin-bottom:0;list-
style:none}.nav-link{display:block;padding:.5rem 1rem}.nav-link:focus,.nav-link:hover{text-
decoration:none}.nav-link.disabled{color:#6c757d;pointer-events:none;cursor:default}.nav-

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tabs{border-bottom:1px solid #dee2e6}.nav-tabs .nav-item{margin-bottom:-1px}.nav-tabs .nav-
link{border:1px solid transparent;border-top-left-radius:.25rem;border-top-right-
radius:.25rem}.nav-tabs .nav-link:focus,.nav-tabs .nav-link:hover{border-color:#e9ecef #e9ecef
#dee2e6}.nav-tabs .nav-link.disabled{color:#6c757d;background-color:transparent;border-
color:transparent}.nav-tabs .nav-item.show .nav-link,.nav-tabs .nav-
link.active{color:#495057;background-color:#fff;border-color:#dee2e6 #dee2e6 #fff}.nav-tabs
.dropdown-menu{margin-top:-1px;border-top-left-radius:0;border-top-right-radius:0}.nav-pills
.nav-link{border-radius:.25rem}.nav-pills .nav-link.active,.nav-pills .show>.nav-
link{color:#fff;background-color:#007bff}.nav-fill .nav-item{-ms-flex:1 1 auto;flex:1 1
auto;text-align:center}.nav-justified .nav-item{-ms-flex-preferred-size:0;flex-basis:0;-ms-flex-
positive:1;flex-grow:1;text-align:center}.tab-content>.tab-pane{display:none}.tab-
content>.active{display:block}.navbar{position:relative;display:-ms-flexbox;display:flex;-ms-
flex-wrap:wrap;flex-wrap:wrap;-ms-flex-align:center;align-items:center;-ms-flex-
pack:justify;justify-content:space-between;padding:.5rem 1rem}.navbar .container,.navbar
.container-fluid,.navbar .container-lg,.navbar .container-md,.navbar .container-sm,.navbar
.container-xl{display:-ms-flexbox;display:flex;-ms-flex-wrap:wrap;flex-wrap:wrap;-ms-flex-
align:center;align-items:center;-ms-flex-pack:justify;justify-content:space-between}.navbar-
brand{display:inline-block;padding-top:.3125rem;padding-bottom:.3125rem;margin-
right:1rem;font-size:1.25rem;line-height:inherit;white-space:nowrap}.navbar-
brand:focus,.navbar-brand:hover{text-decoration:none}.navbar-nav{display:-ms-
flexbox;display:flex;-ms-flex-direction:column;flex-direction:column;padding-left:0;margin-
bottom:0;list-style:none}.navbar-nav .nav-link{padding-right:0;padding-left:0}.navbar-nav
.dropdown-menu{position:static;float:none}.navbar-text{display:inline-block;padding-
top:.5rem;padding-bottom:.5rem}.navbar-collapse{-ms-flex-preferred-size:100%;flex-
basis:100%;-ms-flex-positive:1;flex-grow:1;-ms-flex-align:center;align-items:center}.navbar-
toggler{padding:.25rem .75rem;font-size:1.25rem;line-height:1;background-
color:transparent;border:1px solid transparent;border-radius:.25rem}.navbar-
toggler:focus,.navbar-toggler:hover{text-decoration:none}.navbar-toggler-icon{display:inline-
block;width:1.5em;height:1.5em;vertical-align:middle;content:"";background:no-repeat center
center;background-size:100% 100%}@media (max-width:575.98px){.navbar-expand-
sm>.container,.navbar-expand-sm>.container-fluid,.navbar-expand-sm>.container-lg,.navbar-

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expand-sm>.container-md,.navbar-expand-sm>.container-sm,.navbar-expand-sm>.container-
xl{padding-right:0;padding-left:0}}@media (min-width:576px){.navbar-expand-sm{-ms-flex-
flow:row nowrap;flex-flow:row nowrap;-ms-flex-pack:start;justify-content:flex-start}.navbar-
expand-sm .navbar-nav{-ms-flex-direction:row;flex-direction:row}.navbar-expand-sm .navbar-
nav .dropdown-menu{position:absolute}.navbar-expand-sm .navbar-nav .nav-link{padding-
right:.5rem;padding-left:.5rem}.navbar-expand-sm>.container,.navbar-expand-sm>.container-
fluid,.navbar-expand-sm>.container-lg,.navbar-expand-sm>.container-md,.navbar-expand-
sm>.container-sm,.navbar-expand-sm>.container-xl{-ms-flex-wrap:nowrap;flex-
wrap:nowrap}.navbar-expand-sm .navbar-collapse{display:-ms-
flexbox!important;display:flex!important;-ms-flex-preferred-size:auto;flex-basis:auto}.navbar-
expand-sm .navbar-toggler{display:none}}@media (max-width:767.98px){.navbar-expand-
md>.container,.navbar-expand-md>.container-fluid,.navbar-expand-md>.container-lg,.navbar-
expand-md>.container-md,.navbar-expand-md>.container-sm,.navbar-expand-md>.container-
xl{padding-right:0;padding-left:0}}@media (min-width:768px){.navbar-expand-md{-ms-flex-
flow:row nowrap;flex-flow:row nowrap;-ms-flex-pack:start;justify-content:flex-start}.navbar-
expand-md .navbar-nav{-ms-flex-direction:row;flex-direction:row}.navbar-expand-md .navbar-
nav .dropdown-menu{position:absolute}.navbar-expand-md .navbar-nav .nav-link{padding-
right:.5rem;padding-left:.5rem}.navbar-expand-md>.container,.navbar-expand-md>.container-
fluid,.navbar-expand-md>.container-lg,.navbar-expand-md>.container-md,.navbar-expand-
md>.container-sm,.navbar-expand-md>.container-xl{-ms-flex-wrap:nowrap;flex-
wrap:nowrap}.navbar-expand-md .navbar-collapse{display:-ms-
flexbox!important;display:flex!important;-ms-flex-preferred-size:auto;flex-basis:auto}.navbar-
expand-md .navbar-toggler{display:none}}@media (max-width:991.98px){.navbar-expand-
lg>.container,.navbar-expand-lg>.container-fluid,.navbar-expand-lg>.container-lg,.navbar-
expand-lg>.container-md,.navbar-expand-lg>.container-sm,.navbar-expand-lg>.container-
xl{padding-right:0;padding-left:0}}@media (min-width:992px){.navbar-expand-lg{-ms-flex-
flow:row nowrap;flex-flow:row nowrap;-ms-flex-pack:start;justify-content:flex-start}.navbar-
expand-lg .navbar-nav{-ms-flex-direction:row;flex-direction:row}.navbar-expand-lg .navbar-nav
.dropdown-menu{position:absolute}.navbar-expand-lg .navbar-nav .nav-link{padding-
right:.5rem;padding-left:.5rem}.navbar-expand-lg>.container,.navbar-expand-lg>.container-
fluid,.navbar-expand-lg>.container-lg,.navbar-expand-lg>.container-md,.navbar-expand-

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lg>.container-sm,.navbar-expand-lg>.container-xl{-ms-flex-wrap:nowrap;flex-
wrap:nowrap}.navbar-expand-lg .navbar-collapse{display:-ms-
flexbox!important;display:flex!important;-ms-flex-preferred-size:auto;flex-basis:auto}.navbar-
expand-lg .navbar-toggler{display:none}}@media (max-width:1199.98px){.navbar-expand-
xl>.container,.navbar-expand-xl>.container-fluid,.navbar-expand-xl>.container-lg,.navbar-
expand-xl>.container-md,.navbar-expand-xl>.container-sm,.navbar-expand-xl>.container-
xl{padding-right:0;padding-left:0}}@media (min-width:1200px){.navbar-expand-xl{-ms-flex-
flow:row nowrap;flex-flow:row nowrap;-ms-flex-pack:start;justify-content:flex-start}.navbar-
expand-xl .navbar-nav{-ms-flex-direction:row;flex-direction:row}.navbar-expand-xl .navbar-nav
.dropdown-menu{position:absolute}.navbar-expand-xl .navbar-nav .nav-link{padding-
right:.5rem;padding-left:.5rem}.navbar-expand-xl>.container,.navbar-expand-xl>.container-
fluid,.navbar-expand-xl>.container-lg,.navbar-expand-xl>.container-md,.navbar-expand-
xl>.container-sm,.navbar-expand-xl>.container-xl{-ms-flex-wrap:nowrap;flex-
wrap:nowrap}.navbar-expand-xl .navbar-collapse{display:-ms-
flexbox!important;display:flex!important;-ms-flex-preferred-size:auto;flex-basis:auto}.navbar-
expand-xl .navbar-toggler{display:none}}.navbar-expand{-ms-flex-flow:row nowrap;flex-
flow:row nowrap;-ms-flex-pack:start;justify-content:flex-start}.navbar-
expand>.container,.navbar-expand>.container-fluid,.navbar-expand>.container-lg,.navbar-
expand>.container-md,.navbar-expand>.container-sm,.navbar-expand>.container-xl{padding-
right:0;padding-left:0}.navbar-expand .navbar-nav{-ms-flex-direction:row;flex-
direction:row}.navbar-expand .navbar-nav .dropdown-menu{position:absolute}.navbar-expand
.navbar-nav .nav-link{padding-right:.5rem;padding-left:.5rem}.navbar-
expand>.container,.navbar-expand>.container-fluid,.navbar-expand>.container-lg,.navbar-
expand>.container-md,.navbar-expand>.container-sm,.navbar-expand>.container-xl{-ms-flex-
wrap:nowrap;flex-wrap:nowrap}.navbar-expand .navbar-collapse{display:-ms-
flexbox!important;display:flex!important;-ms-flex-preferred-size:auto;flex-basis:auto}.navbar-
expand .navbar-toggler{display:none}.navbar-light .navbar-brand{color:rgba(0,0,0,.9)}.navbar-
light .navbar-brand:focus,.navbar-light .navbar-brand:hover{color:rgba(0,0,0,.9)}.navbar-light
.navbar-nav .nav-link{color:rgba(0,0,0,.5)}.navbar-light .navbar-nav .nav-link:focus,.navbar-
light .navbar-nav .nav-link:hover{color:rgba(0,0,0,.7)}.navbar-light .navbar-nav .nav-
link.disabled{color:rgba(0,0,0,.3)}.navbar-light .navbar-nav .active>.nav-link,.navbar-light

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.navbar-nav .nav-link.active,.navbar-light .navbar-nav .nav-link.show,.navbar-light .navbar-nav
.show>.nav-link{color:rgba(0,0,0,.9)}.navbar-light .navbar-toggler{color:rgba(0,0,0,.5);border-
color:rgba(0,0,0,.1)}.navbar-light .navbar-toggler-icon{background-
image:url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' width='30'
height='30' viewBox='0 0 30 30'%3e%3cpath stroke='rgba(0, 0, 0, 0.5)' stroke-linecap='round'
stroke-miterlimit='10' stroke-width='2' d='M4 7h22M4 15h22M4
23h22'/%3e%3c/svg%3e")}.navbar-light .navbar-text{color:rgba(0,0,0,.5)}.navbar-light .navbar-
text a{color:rgba(0,0,0,.9)}.navbar-light .navbar-text a:focus,.navbar-light .navbar-text
a:hover{color:rgba(0,0,0,.9)}.navbar-dark .navbar-brand{color:#fff}.navbar-dark .navbar-
brand:focus,.navbar-dark .navbar-brand:hover{color:#fff}.navbar-dark .navbar-nav .nav-
link{color:rgba(255,255,255,.5)}.navbar-dark .navbar-nav .nav-link:focus,.navbar-dark .navbar-
nav .nav-link:hover{color:rgba(255,255,255,.75)}.navbar-dark .navbar-nav .nav-
link.disabled{color:rgba(255,255,255,.25)}.navbar-dark .navbar-nav .active>.nav-link,.navbar-
dark .navbar-nav .nav-link.active,.navbar-dark .navbar-nav .nav-link.show,.navbar-dark .navbar-
nav .show>.nav-link{color:#fff}.navbar-dark .navbar-toggler{color:rgba(255,255,255,.5);border-
color:rgba(255,255,255,.1)}.navbar-dark .navbar-toggler-icon{background-
image:url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' width='30'
height='30' viewBox='0 0 30 30'%3e%3cpath stroke='rgba(255, 255, 255, 0.5)' stroke-
linecap='round' stroke-miterlimit='10' stroke-width='2' d='M4 7h22M4 15h22M4
23h22'/%3e%3c/svg%3e")}.navbar-dark .navbar-text{color:rgba(255,255,255,.5)}.navbar-dark
.navbar-text a{color:#fff}.navbar-dark .navbar-text a:focus,.navbar-dark .navbar-text
a:hover{color:#fff}.card{position:relative;display:-ms-flexbox;display:flex;-ms-flex-
direction:column;flex-direction:column;min-width:0;word-wrap:break-word;background-
color:#fff;background-clip:border-box;border:1px solid rgba(0,0,0,.125);border-
radius:.25rem}.card>hr{margin-right:0;margin-left:0}.card>.list-group:first-child .list-group-
item:first-child{border-top-left-radius:.25rem;border-top-right-radius:.25rem}.card>.list-
group:last-child .list-group-item:last-child{border-bottom-right-radius:.25rem;border-bottom-
left-radius:.25rem}.card-body{-ms-flex:1 1 auto;flex:1 1 auto;min-
height:1px;padding:1.25rem}.card-title{margin-bottom:.75rem}.card-subtitle{margin-top:-
.375rem;margin-bottom:0}.card-text:last-child{margin-bottom:0}.card-link:hover{text-
decoration:none}.card-link+.card-link{margin-left:1.25rem}.card-header{padding:.75rem

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1.25rem;margin-bottom:0;background-color:rgba(0,0,0,.03);border-bottom:1px solid
rgba(0,0,0,.125)}.card-header:first-child{border-radius:calc(.25rem - 1px) calc(.25rem - 1px) 0
0}.card-header+.list-group .list-group-item:first-child{border-top:0}.card-footer{padding:.75rem
1.25rem;background-color:rgba(0,0,0,.03);border-top:1px solid rgba(0,0,0,.125)}.card-
footer:last-child{border-radius:0 0 calc(.25rem - 1px) calc(.25rem - 1px)}.card-header-
tabs{margin-right:-.625rem;margin-bottom:-.75rem;margin-left:-.625rem;border-
bottom:0}.card-header-pills{margin-right:-.625rem;margin-left:-.625rem}.card-img-
overlay{position:absolute;top:0;right:0;bottom:0;left:0;padding:1.25rem}.card-img,.card-img-
bottom,.card-img-top{-ms-flex-negative:0;flex-shrink:0;width:100%}.card-img,.card-img-
top{border-top-left-radius:calc(.25rem - 1px);border-top-right-radius:calc(.25rem - 1px)}.card-
img,.card-img-bottom{border-bottom-right-radius:calc(.25rem - 1px);border-bottom-left-
radius:calc(.25rem - 1px)}.card-deck .card{margin-bottom:15px}@media (min-
width:576px){.card-deck{display:-ms-flexbox;display:flex;-ms-flex-flow:row wrap;flex-
flow:row wrap;margin-right:-15px;margin-left:-15px}.card-deck .card{-ms-flex:1 0 0%;flex:1 0
0%;margin-right:15px;margin-bottom:0;margin-left:15px}}.card-group>.card{margin-
bottom:15px}@media (min-width:576px){.card-group{display:-ms-flexbox;display:flex;-ms-
flex-flow:row wrap;flex-flow:row wrap}.card-group>.card{-ms-flex:1 0 0%;flex:1 0 0%;margin-
bottom:0}.card-group>.card+.card{margin-left:0;border-left:0}.card-group>.card:not(:last-
child){border-top-right-radius:0;border-bottom-right-radius:0}.card-group>.card:not(:last-child)
.card-header,.card-group>.card:not(:last-child) .card-img-top{border-top-right-radius:0}.card-
group>.card:not(:last-child) .card-footer,.card-group>.card:not(:last-child) .card-img-
bottom{border-bottom-right-radius:0}.card-group>.card:not(:first-child){border-top-left-
radius:0;border-bottom-left-radius:0}.card-group>.card:not(:first-child) .card-header,.card-
group>.card:not(:first-child) .card-img-top{border-top-left-radius:0}.card-group>.card:not(:first-
child) .card-footer,.card-group>.card:not(:first-child) .card-img-bottom{border-bottom-left-
radius:0}}.card-columns .card{margin-bottom:.75rem}@media (min-width:576px){.card-
columns{-webkit-column-count:3;-moz-column-count:3;column-count:3;-webkit-column-
gap:1.25rem;-moz-column-gap:1.25rem;column-gap:1.25rem;orphans:1;widows:1}.card-
columns .card{display:inline-
block;width:100%}}.accordion>.card{overflow:hidden}.accordion>.card:not(:last-of-
type){border-bottom:0;border-bottom-right-radius:0;border-bottom-left-

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radius:0}.accordion>.card:not(:first-of-type){border-top-left-radius:0;border-top-right-
radius:0}.accordion>.card>.card-header{border-radius:0;margin-bottom:-
1px}.breadcrumb{display:-ms-flexbox;display:flex;-ms-flex-wrap:wrap;flex-
wrap:wrap;padding:.75rem 1rem;margin-bottom:1rem;list-style:none;background-
color:#e9ecef;border-radius:.25rem}.breadcrumb-item+.breadcrumb-item{padding-
left:.5rem}.breadcrumb-item+.breadcrumb-item::before{display:inline-block;padding-
right:.5rem;color:#6c757d;content:"/"}.breadcrumb-item+.breadcrumb-item:hover::before{text-
decoration:underline}.breadcrumb-item+.breadcrumb-item:hover::before{text-
decoration:none}.breadcrumb-item.active{color:#6c757d}.pagination{display:-ms-
flexbox;display:flex;padding-left:0;list-style:none;border-radius:.25rem}.page-
link{position:relative;display:block;padding:.5rem .75rem;margin-left:-1px;line-
height:1.25;color:#007bff;background-color:#fff;border:1px solid #dee2e6}.page-link:hover{z-
index:2;color:#0056b3;text-decoration:none;background-color:#e9ecef;border-
color:#dee2e6}.page-link:focus{z-index:3;outline:0;box-shadow:0 0 0 .2rem
rgba(0,123,255,.25)}.page-item:first-child .page-link{margin-left:0;border-top-left-
radius:.25rem;border-bottom-left-radius:.25rem}.page-item:last-child .page-link{border-top-
right-radius:.25rem;border-bottom-right-radius:.25rem}.page-item.active .page-link{z-
index:3;color:#fff;background-color:#007bff;border-color:#007bff}.page-item.disabled .page-
link{color:#6c757d;pointer-events:none;cursor:auto;background-color:#fff;border-
color:#dee2e6}.pagination-lg .page-link{padding:.75rem 1.5rem;font-size:1.25rem;line-
height:1.5}.pagination-lg .page-item:first-child .page-link{border-top-left-radius:.3rem;border-
bottom-left-radius:.3rem}.pagination-lg .page-item:last-child .page-link{border-top-right-
radius:.3rem;border-bottom-right-radius:.3rem}.pagination-sm .page-link{padding:.25rem
.5rem;font-size:.875rem;line-height:1.5}.pagination-sm .page-item:first-child .page-link{border-
top-left-radius:.2rem;border-bottom-left-radius:.2rem}.pagination-sm .page-item:last-child
.page-link{border-top-right-radius:.2rem;border-bottom-right-
radius:.2rem}.badge{display:inline-block;padding:.25em .4em;font-size:75%;font-
weight:700;line-height:1;text-align:center;white-space:nowrap;vertical-align:baseline;border-
radius:.25rem;transition:color .15s ease-in-out;background-color .15s ease-in-out;border-color
.15s ease-in-out,box-shadow .15s ease-in-out}@media (prefers-reduced-
motion:reduce){.badge{transition:none}}a.badge:focus,a.badge:hover{text-

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decoration:none}.badge:empty{display:none}.btn .badge{position:relative;top:-1px}.badge-
pill{padding-right:.6em;padding-left:.6em;border-radius:10rem}.badge-
primary{color:#fff;background-color:#007bff}.a.badge-primary:focus,.a.badge-
primary:hover{color:#fff;background-color:#0062cc}.a.badge-primary:focus,.a.badge-
primary:focus{outline:0;box-shadow:0 0 0 .2rem rgba(0,123,255,.5)}.badge-
secondary{color:#fff;background-color:#6c757d}.a.badge-secondary:focus,.a.badge-
secondary:hover{color:#fff;background-color:#545b62}.a.badge-secondary:focus,.a.badge-
secondary:focus{outline:0;box-shadow:0 0 0 .2rem rgba(108,117,125,.5)}.badge-
success{color:#fff;background-color:#28a745}.a.badge-success:focus,.a.badge-
success:hover{color:#fff;background-color:#1e7e34}.a.badge-success:focus,.a.badge-
success:focus{outline:0;box-shadow:0 0 0 .2rem rgba(40,167,69,.5)}.badge-
info{color:#fff;background-color:#17a2b8}.a.badge-info:focus,.a.badge-
info:hover{color:#fff;background-color:#117a8b}.a.badge-info:focus,.a.badge-
info:focus{outline:0;box-shadow:0 0 0 .2rem rgba(23,162,184,.5)}.badge-
warning{color:#212529;background-color:#ffc107}.a.badge-warning:focus,.a.badge-
warning:hover{color:#212529;background-color:#d39e00}.a.badge-warning:focus,.a.badge-
warning:focus{outline:0;box-shadow:0 0 0 .2rem rgba(255,193,7,.5)}.badge-
danger{color:#fff;background-color:#dc3545}.a.badge-danger:focus,.a.badge-
danger:hover{color:#fff;background-color:#bd2130}.a.badge-danger:focus,.a.badge-
danger:focus{outline:0;box-shadow:0 0 0 .2rem rgba(220,53,69,.5)}.badge-
light{color:#212529;background-color:#f8f9fa}.a.badge-light:focus,.a.badge-
light:hover{color:#212529;background-color:#dae0e5}.a.badge-light:focus,.a.badge-
light:focus{outline:0;box-shadow:0 0 0 .2rem rgba(248,249,250,.5)}.badge-
dark{color:#fff;background-color:#343a40}.a.badge-dark:focus,.a.badge-
dark:hover{color:#fff;background-color:#1d2124}.a.badge-dark:focus,.a.badge-
dark:focus{outline:0;box-shadow:0 0 0 .2rem rgba(52,58,64,.5)}.jumbotron{padding:2rem
1rem;margin-bottom:2rem;background-color:#e9ecef;border-radius:.3rem}@media (min-
width:576px){.jumbotron{padding:4rem 2rem}}.jumbotron-fluid{padding-right:0;padding-
left:0;border-radius:0}.alert{position:relative;padding:.75rem 1.25rem;margin-
bottom:1rem;border:1px solid transparent;border-radius:.25rem}.alert-
heading{color:inherit}.alert-link{font-weight:700}.alert-dismissible{padding-right:4rem}.alert-

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dismissible .close{position:absolute;top:0;right:0;padding:.75rem 1.25rem;color:inherit}.alert-
 primary{color:#004085;background-color:#cce5ff;border-color:#b8daff}.alert-primary
 hr{border-top-color:#9fcdff}.alert-primary .alert-link{color:#002752}.alert-
 secondary{color:#383d41;background-color:#e2e3e5;border-color:#d6d8db}.alert-secondary
 hr{border-top-color:#c8cbcf}.alert-secondary .alert-link{color:#202326}.alert-
 success{color:#155724;background-color:#d4edda;border-color:#c3e6cb}.alert-success
 hr{border-top-color:#b1dfbb}.alert-success .alert-link{color:#0b2e13}.alert-
 info{color:#0c5460;background-color:#d1ecf1;border-color:#bee5eb}.alert-info hr{border-top-
 color:#abdde5}.alert-info .alert-link{color:#062c33}.alert-warning{color:#856404;background-
 color:#fff3cd;border-color:#ffeeba}.alert-warning hr{border-top-color:#ffe8a1}.alert-warning
 .alert-link{color:#533f03}.alert-danger{color:#721c24;background-color:#f8d7da;border-
 color:#f5c6cb}.alert-danger hr{border-top-color:#f1b0b7}.alert-danger .alert-
 link{color:#491217}.alert-light{color:#818182;background-color:#fefefe;border-
 color:#fdfdfe}.alert-light hr{border-top-color:#ececfc6}.alert-light .alert-
 link{color:#686868}.alert-dark{color:#1b1e21;background-color:#d6d8d9;border-
 color:#c6c8ca}.alert-dark hr{border-top-color:#b9bbbe}.alert-dark .alert-link{color:#040505}@-
 webkit-keyframes progress-bar-stripes{from{background-position:1rem 0}to{background-
 position:0 0}}@keyframes progress-bar-stripes{from{background-position:1rem
 0}to{background-position:0 0}}.progress{display:-ms-
 flexbox;display:flex;height:1rem;overflow:hidden;font-size:.75rem;background-
 color:#e9ecef;border-radius:.25rem}.progress-bar{display:-ms-flexbox;display:flex;-ms-flex-
 direction:column;flex-direction:column;-ms-flex-pack:center;justify-
 content:center;overflow:hidden;color:#fff;text-align:center;white-space:nowrap;background-
 color:#007bff;transition:width .6s ease}@media (prefers-reduced-motion:reduce){.progress-
 bar{transition:none}}.progress-bar-striped{background-image:linear-
 gradient(45deg,rgba(255,255,255,.15) 25%,transparent 25%,transparent
 50%,rgba(255,255,255,.15) 50%,rgba(255,255,255,.15) 75%,transparent
 75%,transparent);background-size:1rem 1rem}.progress-bar-animated{-webkit-
 animation:progress-bar-stripes 1s linear infinite;animation:progress-bar-stripes 1s linear
 infinite}@media (prefers-reduced-motion:reduce){.progress-bar-animated{-webkit-
 animation:none;animation:none}}.media{display:-ms-flexbox;display:flex;-ms-flex-

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align:start;align-items:flex-start}.media-body{-ms-flex:1;flex:1}.list-group{display:-ms-
flexbox;display:flex;-ms-flex-direction:column;flex-direction:column;padding-left:0;margin-
bottom:0}.list-group-item-action{width:100%;color:#495057;text-align:inherit}.list-group-item-
action:focus,.list-group-item-action:hover{z-index:1;color:#495057;text-
decoration:none;background-color:#f8f9fa}.list-group-item-
action:active{color:#212529;background-color:#e9ecef}.list-group-
item{position:relative;display:block;padding:.75rem 1.25rem;background-color:#fff;border:1px
solid rgba(0,0,0,.125)}.list-group-item:first-child{border-top-left-radius:.25rem;border-top-right-
radius:.25rem}.list-group-item:last-child{border-bottom-right-radius:.25rem;border-bottom-left-
radius:.25rem}.list-group-item.disabled,.list-group-item:disabled{color:#6c757d;pointer-
events:none;background-color:#fff}.list-group-item.active{z-index:2;color:#fff;background-
color:#007bff;border-color:#007bff}.list-group-item+.list-group-item{border-top-width:0}.list-
group-item+.list-group-item.active{margin-top:-1px;border-top-width:1px}.list-group-
horizontal{-ms-flex-direction:row;flex-direction:row}.list-group-horizontal .list-group-item:first-
child{border-bottom-left-radius:.25rem;border-top-right-radius:0}.list-group-horizontal .list-
group-item:last-child{border-top-right-radius:.25rem;border-bottom-left-radius:0}.list-group-
horizontal .list-group-item.active{margin-top:0}.list-group-horizontal .list-group-item+.list-
group-item{border-top-width:1px;border-left-width:0}.list-group-horizontal .list-group-
item+.list-group-item.active{margin-left:-1px;border-left-width:1px}@media (min-
width:576px){.list-group-horizontal-sm{-ms-flex-direction:row;flex-direction:row}.list-group-
horizontal-sm .list-group-item:first-child{border-bottom-left-radius:.25rem;border-top-right-
radius:0}.list-group-horizontal-sm .list-group-item:last-child{border-top-right-
radius:.25rem;border-bottom-left-radius:0}.list-group-horizontal-sm .list-group-
item.active{margin-top:0}.list-group-horizontal-sm .list-group-item+.list-group-item{border-top-
width:1px;border-left-width:0}.list-group-horizontal-sm .list-group-item+.list-group-
item.active{margin-left:-1px;border-left-width:1px}}@media (min-width:768px){.list-group-
horizontal-md{-ms-flex-direction:row;flex-direction:row}.list-group-horizontal-md .list-group-
item:first-child{border-bottom-left-radius:.25rem;border-top-right-radius:0}.list-group-
horizontal-md .list-group-item:last-child{border-top-right-radius:.25rem;border-bottom-left-
radius:0}.list-group-horizontal-md .list-group-item.active{margin-top:0}.list-group-horizontal-
md .list-group-item+.list-group-item{border-top-width:1px;border-left-width:0}.list-group-

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horizontal-md .list-group-item+.list-group-item.active{ margin-left:-1px;border-left-
width:1px } } @media (min-width:992px){ .list-group-horizontal-lg{-ms-flex-direction:row;flex-
direction:row } .list-group-horizontal-lg .list-group-item:first-child{ border-bottom-left-
radius:.25rem;border-top-right-radius:0} .list-group-horizontal-lg .list-group-item:last-
child{ border-top-right-radius:.25rem;border-bottom-left-radius:0} .list-group-horizontal-lg .list-
group-item.active{ margin-top:0} .list-group-horizontal-lg .list-group-item+.list-group-
item{ border-top-width:1px;border-left-width:0} .list-group-horizontal-lg .list-group-item+.list-
group-item.active{ margin-left:-1px;border-left-width:1px } } @media (min-width:1200px){ .list-
group-horizontal-xl{-ms-flex-direction:row;flex-direction:row } .list-group-horizontal-xl .list-
group-item:first-child{ border-bottom-left-radius:.25rem;border-top-right-radius:0} .list-group-
horizontal-xl .list-group-item:last-child{ border-top-right-radius:.25rem;border-bottom-left-
radius:0} .list-group-horizontal-xl .list-group-item.active{ margin-top:0} .list-group-horizontal-xl
.list-group-item+.list-group-item{ border-top-width:1px;border-left-width:0} .list-group-
horizontal-xl .list-group-item+.list-group-item.active{ margin-left:-1px;border-left-
width:1px } } .list-group-flush .list-group-item{ border-right-width:0;border-left-width:0;border-
radius:0} .list-group-flush .list-group-item:first-child{ border-top-width:0} .list-group-flush:last-
child .list-group-item:last-child{ border-bottom-width:0} .list-group-item-
primary{ color:#004085;background-color:#b8daff} .list-group-item-primary.list-group-item-
action:focus,.list-group-item-primary.list-group-item-action:active{ color:#004085;background-
color:#9fcdff} .list-group-item-primary.list-group-item-action:active{ color:#fff;background-
color:#004085;border-color:#004085 } .list-group-item-secondary{ color:#383d41;background-
color:#d6d8db} .list-group-item-secondary.list-group-item-action:focus,.list-group-item-
secondary.list-group-item-action:active{ color:#383d41;background-color:#c8cbcf} .list-group-
item-secondary.list-group-item-action:active{ color:#fff;background-color:#383d41;border-
color:#383d41} .list-group-item-success{ color:#155724;background-color:#c3e6cb} .list-group-
item-success.list-group-item-action:focus,.list-group-item-success.list-group-item-
action:active{ color:#155724;background-color:#b1d1bb} .list-group-item-success.list-group-item-
action:active{ color:#fff;background-color:#155724;border-color:#155724} .list-group-item-
info{ color:#0c5460;background-color:#bee5eb} .list-group-item-info.list-group-item-
action:focus,.list-group-item-info.list-group-item-action:active{ color:#0c5460;background-
color:#abdde5} .list-group-item-info.list-group-item-action:active{ color:#fff;background-

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color:#0c5460;border-color:#0c5460}.list-group-item-warning{color:#856404;background-color:#ffeeba}.list-group-item-warning.list-group-item-action:focus,.list-group-item-warning.list-group-item-action:hover{color:#856404;background-color:#ffe8a1}.list-group-item-warning.list-group-item-action.active{color:#fff;background-color:#856404;border-color:#856404}.list-group-item-danger{color:#721c24;background-color:#f5c6cb}.list-group-item-danger.list-group-item-action:focus,.list-group-item-danger.list-group-item-action:hover{color:#721c24;background-color:#f1b0b7}.list-group-item-danger.list-group-item-action.active{color:#fff;background-color:#721c24;border-color:#721c24}.list-group-item-light{color:#818182;background-color:#fdfdfe}.list-group-item-light.list-group-item-action:focus,.list-group-item-light.list-group-item-action:hover{color:#818182;background-color:#eecedf}.list-group-item-light.list-group-item-action.active{color:#fff;background-color:#818182;border-color:#818182}.list-group-item-dark{color:#1b1e21;background-color:#c6c8ca}.list-group-item-dark.list-group-item-action:focus,.list-group-item-dark.list-group-item-action:hover{color:#1b1e21;background-color:#b9bbbe}.list-group-item-dark.list-group-item-action.active{color:#fff;background-color:#1b1e21;border-color:#1b1e21}.close{float:right;font-size:1.5rem;font-weight:700;line-height:1;color:#000;text-shadow:0 1px 0 #fff;opacity:.5}.close:hover{color:#000;text-decoration:none}.close:not(:disabled):not(.disabled):focus,.close:not(:disabled):not(.disabled):hover{opacity:.75}button.close{padding:0;background-color:transparent;border:0;-webkit-appearance:none;-moz-appearance:none;appearance:none}a.close.disabled{pointer-events:none}.toast{max-width:350px;overflow:hidden;font-size:.875rem;background-color:rgba(255,255,255,.85);background-clip:padding-box;border:1px solid rgba(0,0,0,.1);box-shadow:0 .25rem .75rem rgba(0,0,0,.1);-webkit-backdrop-filter:blur(10px);backdrop-filter:blur(10px);opacity:0;border-radius:.25rem}.toast:not(:last-child){margin-bottom:.75rem}.toast.showing{opacity:1}.toast.show{display:block;opacity:1}.toast.hide{display:none}.toast-header{display:-ms-flexbox;display:flex;-ms-flex-align:center;align-items:center;padding:.25rem .75rem;color:#6c757d;background-color:rgba(255,255,255,.85);background-clip:padding-box;border-bottom:1px solid rgba(0,0,0,.05)}.toast-body{padding:.75rem}.modal-open{overflow:hidden}.modal-open .modal{overflow-x:hidden;overflow-y:auto}.modal{position:fixed;top:0;left:0;z-index:1050;display:none;width:100%;height:100%;overflow:hidden;outline:0}.modal-

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dialog{position:relative;width:auto;margin:.5rem;pointer-events:none}.modal.fade .modal-
dialog{transition:-webkit-transform .3s ease-out;transition:transform .3s ease-
out;transition:transform .3s ease-out,-webkit-transform .3s ease-out;-webkit-
transform:translate(0,-50px);transform:translate(0,-50px)}@media (prefers-reduced-
motion:reduce){.modal.fade .modal-dialog{transition:none}}.modal.show .modal-dialog{-
webkit-transform:none;transform:none}.modal.modal-static .modal-dialog{-webkit-
transform:scale(1.02);transform:scale(1.02)}.modal-dialog-scrollable{display:-ms-
flexbox;display:flex;max-height:calc(100% - 1rem)}.modal-dialog-scrollable .modal-
content{max-height:calc(100vh - 1rem);overflow:hidden}.modal-dialog-scrollable .modal-
footer,.modal-dialog-scrollable .modal-header{-ms-flex-negative:0;flex-shrink:0}.modal-dialog-
scrollable .modal-body{overflow-y:auto}.modal-dialog-centered{display:-ms-
flexbox;display:flex;-ms-flex-align:center;align-items:center;min-height:calc(100% -
1rem)}.modal-dialog-centered::before{display:block;height:calc(100vh -
1rem);content:""}.modal-dialog-centered.modal-dialog-scrollable{-ms-flex-
direction:column;flex-direction:column;-ms-flex-pack:center;justify-
content:center;height:100%}.modal-dialog-centered.modal-dialog-scrollable .modal-
content{max-height:none}.modal-dialog-centered.modal-dialog-
scrollable::before{content:none}.modal-content{position:relative;display:-ms-
flexbox;display:flex;-ms-flex-direction:column;flex-direction:column;width:100%;pointer-
events:auto;background-color:#fff;background-clip:padding-box;border:1px solid
rgba(0,0,0,.2);border-radius:.3rem;outline:0}.modal-backdrop{position:fixed;top:0;left:0;z-
index:1040;width:100vw;height:100vh;background-color:#000}.modal-
backdrop.fade{opacity:0}.modal-backdrop.show{opacity:.5}.modal-header{display:-ms-
flexbox;display:flex;-ms-flex-align:start;align-items:flex-start;-ms-flex-pack:justify;justify-
content:space-between;padding:1rem 1rem;border-bottom:1px solid #dee2e6;border-top-left-
radius:calc(.3rem - 1px);border-top-right-radius:calc(.3rem - 1px)}.modal-header
.close{padding:1rem 1rem;margin:-1rem -1rem -1rem auto}.modal-title{margin-bottom:0;line-
height:1.5}.modal-body{position:relative;-ms-flex:1 1 auto;flex:1 1 auto;padding:1rem}.modal-
footer{display:-ms-flexbox;display:flex;-ms-flex-wrap:wrap;flex-wrap:wrap;-ms-flex-
align:center;align-items:center;-ms-flex-pack:end;justify-content:flex-
end;padding:.75rem;border-top:1px solid #dee2e6;border-bottom-right-radius:calc(.3rem -

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1px);border-bottom-left-radius:calc(.3rem - 1px)}.modal-footer>*{margin:.25rem}.modal-
scrollbar-measure{position:absolute;top:-
9999px;width:50px;height:50px;overflow:scroll}@media (min-width:576px){.modal-
dialog{max-width:500px;margin:1.75rem auto}.modal-dialog-scrollable{max-height:calc(100%
- 3.5rem)}.modal-dialog-scrollable .modal-content{max-height:calc(100vh - 3.5rem)}.modal-
dialog-centered{min-height:calc(100% - 3.5rem)}.modal-dialog-
centered::before{height:calc(100vh - 3.5rem)}.modal-sm{max-width:300px}}@media (min-
width:992px){.modal-lg,.modal-xl{max-width:800px}}@media (min-width:1200px){.modal-
xl{max-width:1140px}}.tooltip{position:absolute;z-index:1070;display:block;margin:0;font-
family:-apple-system,BlinkMacSystemFont,"Segoe UI",Roboto,"Helvetica Neue",Arial,"Noto
Sans",sans-serif,"Apple Color Emoji","Segoe UI Emoji","Segoe UI Symbol","Noto Color
Emoji";font-style:normal;font-weight:400;line-height:1.5;text-align:left;text-align:start;text-
decoration:none;text-shadow:none;text-transform:none;letter-spacing:normal;word-
break:normal;word-spacing:normal;white-space:normal;line-break:auto;font-size:.875rem;word-
wrap:break-word;opacity:0}.tooltip.show{opacity:.9}.tooltip
.arrow{position:absolute;display:block;width:.8rem;height:.4rem}.tooltip
.arrow::before{position:absolute;content:"";border-color:transparent;border-style:solid}.bs-
tooltip-auto[x-placement^=top],.bs-tooltip-top{padding:.4rem 0}.bs-tooltip-auto[x-
placement^=top] .arrow,.bs-tooltip-top .arrow{bottom:0}.bs-tooltip-auto[x-placement^=top]
.arrow::before,.bs-tooltip-top .arrow::before{top:0;border-width:.4rem .4rem 0;border-top-
color:#000}.bs-tooltip-auto[x-placement^=right],.bs-tooltip-right{padding:0 .4rem}.bs-tooltip-
auto[x-placement^=right] .arrow,.bs-tooltip-right .arrow{left:0;width:.4rem;height:.8rem}.bs-
tooltip-auto[x-placement^=right] .arrow::before,.bs-tooltip-right .arrow::before{right:0;border-
width:.4rem .4rem .4rem 0;border-right-color:#000}.bs-tooltip-auto[x-placement^=bottom],.bs-
tooltip-bottom{padding:.4rem 0}.bs-tooltip-auto[x-placement^=bottom] .arrow,.bs-tooltip-
bottom .arrow{top:0}.bs-tooltip-auto[x-placement^=bottom] .arrow::before,.bs-tooltip-bottom
.arrow::before{bottom:0;border-width:0 .4rem .4rem;border-bottom-color:#000}.bs-tooltip-
auto[x-placement^=left],.bs-tooltip-left{padding:0 .4rem}.bs-tooltip-auto[x-placement^=left]
.arrow,.bs-tooltip-left .arrow{right:0;width:.4rem;height:.8rem}.bs-tooltip-auto[x-
placement^=left] .arrow::before,.bs-tooltip-left .arrow::before{left:0;border-width:.4rem 0 .4rem
.4rem;border-left-color:#000}.tooltip-inner{max-width:200px;padding:.25rem

```

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.5rem;color:#fff;text-align:center;background-color:#000;border-
radius:.25rem}.popover{position:absolute;top:0;left:0;z-index:1060;display:block;max-
width:276px;font-family:-apple-system,BlinkMacSystemFont,"Segoe UI",Roboto,"Helvetica
Neue",Arial,"Noto Sans",sans-serif,"Apple Color Emoji","Segoe UI Emoji","Segoe UI
Symbol","Noto Color Emoji";font-style:normal;font-weight:400;line-height:1.5;text-
align:left;text-align:start;text-decoration:none;text-shadow:none;text-transform:none;letter-
spacing:normal;word-break:normal;word-spacing:normal;white-space:normal;line-
break:auto;font-size:.875rem;word-wrap:break-word;background-color:#fff;background-
clip;padding-box;border:1px solid rgba(0,0,0,.2);border-radius:.3rem}.popover
.arrow{position:absolute;display:block;width:1rem;height:.5rem;margin:0 .3rem}.popover
.arrow::after,.popover .arrow::before{position:absolute;display:block;content:"";border-
color:transparent;border-style:solid}.bs-popover-auto[x-placement^=top],.bs-popover-
top{margin-bottom:.5rem}.bs-popover-auto[x-placement^=top]>.arrow,.bs-popover-
top>.arrow{bottom:calc(-.5rem - 1px)}.bs-popover-auto[x-placement^=top]>.arrow::before,.bs-
popover-top>.arrow::before{bottom:0;border-width:.5rem .5rem 0;border-top-
color:rgba(0,0,0,.25)}.bs-popover-auto[x-placement^=top]>.arrow::after,.bs-popover-
top>.arrow::after{bottom:1px;border-width:.5rem .5rem 0;border-top-color:#fff}.bs-popover-
auto[x-placement^=right],.bs-popover-right{margin-left:.5rem}.bs-popover-auto[x-
placement^=right]>.arrow,.bs-popover-right>.arrow{left:calc(-.5rem -
1px);width:.5rem;height:1rem;margin:.3rem 0}.bs-popover-auto[x-
placement^=right]>.arrow::before,.bs-popover-right>.arrow::before{left:0;border-width:.5rem
.5rem .5rem 0;border-right-color:rgba(0,0,0,.25)}.bs-popover-auto[x-
placement^=right]>.arrow::after,.bs-popover-right>.arrow::after{left:1px;border-width:.5rem
.5rem .5rem 0;border-right-color:#fff}.bs-popover-auto[x-placement^=bottom],.bs-popover-
bottom{margin-top:.5rem}.bs-popover-auto[x-placement^=bottom]>.arrow,.bs-popover-
bottom>.arrow{top:calc(-.5rem - 1px)}.bs-popover-auto[x-
placement^=bottom]>.arrow::before,.bs-popover-bottom>.arrow::before{top:0;border-width:0
.5rem .5rem .5rem;border-bottom-color:rgba(0,0,0,.25)}.bs-popover-auto[x-
placement^=bottom]>.arrow::after,.bs-popover-bottom>.arrow::after{top:1px;border-width:0
.5rem .5rem .5rem;border-bottom-color:#fff}.bs-popover-auto[x-placement^=bottom] .popover-
header::before,.bs-popover-bottom .popover-

```

```

header::before{ position:absolute;top:0;left:50%;display:block;width:1rem;margin-left:-
.5rem;content:"";border-bottom:1px solid #f7f7f7}.bs-popover-auto[x-placement^=left],.bs-
popover-left{ margin-right:.5rem}.bs-popover-auto[x-placement^=left]>.arrow,.bs-popover-
left>.arrow{ right:calc(-.5rem - 1px);width:.5rem;height:1rem;margin:.3rem 0}.bs-popover-
auto[x-placement^=left]>.arrow::before,.bs-popover-left>.arrow::before{ right:0;border-
width:.5rem 0 .5rem .5rem;border-left-color:rgba(0,0,0,.25)}.bs-popover-auto[x-
placement^=left]>.arrow::after,.bs-popover-left>.arrow::after{ right:1px;border-width:.5rem 0
.5rem .5rem;border-left-color:#fff}.popover-header{ padding:.5rem .75rem;margin-
bottom:0;font-size:1rem;background-color:#f7f7f7;border-bottom:1px solid #ebebeb;border-top-
left-radius:calc(.3rem - 1px);border-top-right-radius:calc(.3rem - 1px)}.popover-
header:empty{ display:none}.popover-body{ padding:.5rem
.75rem;color:#212529}.carousel{ position:relative}.carousel.pointer-event{-ms-touch-action:pan-
y;touch-action:pan-y}.carousel-inner{ position:relative;width:100%;overflow:hidden}.carousel-
inner::after{ display:block;clear:both;content:""}.carousel-
item{ position:relative;display:none;float:left;width:100%;margin-right:-100%;-webkit-backface-
visibility:hidden;backface-visibility:hidden;transition:-webkit-transform .6s ease-in-
out;transition:transform .6s ease-in-out;transition:transform .6s ease-in-out,-webkit-transform .6s
ease-in-out}@media (prefers-reduced-motion:reduce){.carousel-
item{ transition:none}}.carousel-item-next,.carousel-item-prev,.carousel-
item.active{ display:block}.active.carousel-item-right,.carousel-item-next:not(.carousel-item-
left){ -webkit-transform:translateX(100%);transform:translateX(100%)}.active.carousel-item-
left,.carousel-item-prev:not(.carousel-item-right){ -webkit-transform:translateX(-
100%);transform:translateX(-100%)}.carousel-fade .carousel-item{ opacity:0;transition-
property:opacity;-webkit-transform:none;transform:none}.carousel-fade .carousel-item-
next.carousel-item-left,.carousel-fade .carousel-item-prev.carousel-item-right,.carousel-fade
.carousel-item.active{ z-index:1;opacity:1}.carousel-fade .active.carousel-item-left,.carousel-fade
.active.carousel-item-right{ z-index:0;opacity:0;transition:opacity 0s .6s}@media (prefers-
reduced-motion:reduce){.carousel-fade .active.carousel-item-left,.carousel-fade .active.carousel-
item-right{ transition:none}}.carousel-control-next,.carousel-control-
prev{ position:absolute;top:0;bottom:0;z-index:1;display:-ms-flexbox;display:flex;-ms-flex-
align:center;align-items:center;-ms-flex-pack:center;justify-

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```

content:center;width:15%;color:#fff;text-align:center;opacity:.5;transition:opacity .15s
ease}@media (prefers-reduced-motion:reduce){.carousel-control-next,.carousel-control-
prev{transition:none}}.carousel-control-next:focus,.carousel-control-next:hover,.carousel-
control-prev:focus,.carousel-control-prev:hover{color:#fff;text-
decoration:none;outline:0;opacity:.9}.carousel-control-prev{left:0}.carousel-control-
next{right:0}.carousel-control-next-icon,.carousel-control-prev-icon{display:inline-
block;width:20px;height:20px;background:no-repeat 50%/100% 100%}.carousel-control-prev-
icon{background-image:url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg'
fill='%23fff' width='8' height='8' viewBox='0 0 8 8'%3e%3cpath d='M5.25 0l-4 4 4 1.5-
1.5L4.25 4l2.5-2.5L5.25 0z'/%3e%3c/svg%3e")}.carousel-control-next-icon{background-
image:url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' fill='%23fff'
width='8' height='8' viewBox='0 0 8 8'%3e%3cpath d='M2.75 0l-1.5 1.5L3.75 4l-2.5 2.5L2.75
8l4-4-4-4z'/%3e%3c/svg%3e")}.carousel-indicators{position:absolute;right:0;bottom:0;left:0;z-
index:15;display:-ms-flexbox;display:flex;-ms-flex-pack:center;justify-content:center;padding-
left:0;margin-right:15%;margin-left:15%;list-style:none}.carousel-indicators li{box-
sizing:content-box;-ms-flex:0 1 auto;flex:0 1 auto;width:30px;height:3px;margin-
right:3px;margin-left:3px;text-indent:-999px;cursor:pointer;background-color:#fff;background-
clip:padding-box;border-top:10px solid transparent;border-bottom:10px solid
transparent;opacity:.5;transition:opacity .6s ease}@media (prefers-reduced-
motion:reduce){.carousel-indicators li{transition:none}}.carousel-indicators
.active{opacity:1}.carousel-caption{position:absolute;right:15%;bottom:20px;left:15%;z-
index:10;padding-top:20px;padding-bottom:20px;color:#fff;text-align:center}@-webkit-
keyframes spinner-border{to{-webkit-
transform:rotate(360deg);transform:rotate(360deg)}}@keyframes spinner-border{to{-webkit-
transform:rotate(360deg);transform:rotate(360deg)}}.spinner-border{display:inline-
block;width:2rem;height:2rem;vertical-align:bottom;border:.25em solid
currentColor;border-right-color:transparent;border-radius:50%;-webkit-animation:spinner-border
.75s linear infinite;animation:spinner-border .75s linear infinite}.spinner-border-
sm{width:1rem;height:1rem;border-width:.2em}@-webkit-keyframes spinner-grow{0%{-
webkit-transform:scale(0);transform:scale(0)}50%{opacity:1}}@keyframes spinner-grow{0%{-
webkit-transform:scale(0);transform:scale(0)}50%{opacity:1}}.spinner-grow{display:inline-

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block;width:2rem;height:2rem;vertical-align:text-bottom;background-color:currentColor;border-radius:50%;opacity:0;-webkit-animation:spinner-grow .75s linear infinite;animation:spinner-grow .75s linear infinite}.spinner-grow-sm{ width:1rem;height:1rem}.align-baseline{ vertical-align:baseline!important}.align-top{ vertical-align:top!important}.align-middle{ vertical-align:middle!important}.align-bottom{ vertical-align:bottom!important}.align-text-bottom{ vertical-align:text-bottom!important}.align-text-top{ vertical-align:text-top!important}.bg-primary{ background-color:#007bff!important}.a.bg-primary:focus,.a.bg-primary:hover,.button.bg-primary:focus,.button.bg-primary:hover{ background-color:#0062cc!important}.bg-secondary{ background-color:#6c757d!important}.a.bg-secondary:focus,.a.bg-secondary:hover,.button.bg-secondary:focus,.button.bg-secondary:hover{ background-color:#545b62!important}.bg-success{ background-color:#28a745!important}.a.bg-success:focus,.a.bg-success:hover,.button.bg-success:focus,.button.bg-success:hover{ background-color:#1e7e34!important}.bg-info{ background-color:#17a2b8!important}.a.bg-info:focus,.a.bg-info:hover,.button.bg-info:focus,.button.bg-info:hover{ background-color:#117a8b!important}.bg-warning{ background-color:#ffc107!important}.a.bg-warning:focus,.a.bg-warning:hover,.button.bg-warning:focus,.button.bg-warning:hover{ background-color:#d39e00!important}.bg-danger{ background-color:#dc3545!important}.a.bg-danger:focus,.a.bg-danger:hover,.button.bg-danger:focus,.button.bg-danger:hover{ background-color:#bd2130!important}.bg-light{ background-color:#f8f9fa!important}.a.bg-light:focus,.a.bg-light:hover,.button.bg-light:focus,.button.bg-light:hover{ background-color:#dae0e5!important}.bg-dark{ background-color:#343a40!important}.a.bg-dark:focus,.a.bg-dark:hover,.button.bg-dark:focus,.button.bg-dark:hover{ background-color:#1d2124!important}.bg-white{ background-color:#fff!important}.bg-transparent{ background-color:transparent!important}.border{ border:1px solid #dee2e6!important}.border-top{ border-top:1px solid #dee2e6!important}.border-right{ border-right:1px solid #dee2e6!important}.border-bottom{ border-bottom:1px solid #dee2e6!important}.border-left{ border-left:1px solid #dee2e6!important}.border-0{ border:0!important}.border-top-0{ border-top:0!important}.border-right-0{ border-right:0!important}.border-bottom-0{ border-bottom:0!important}.border-left-0{ border-left:0!important}.border-primary{ border-color:#007bff!important}.border-secondary{ border-

color:#6c757d!important}.border-success{border-color:#28a745!important}.border-info{border-color:#17a2b8!important}.border-warning{border-color:#ffc107!important}.border-danger{border-color:#dc3545!important}.border-light{border-color:#f8f9fa!important}.border-dark{border-color:#343a40!important}.border-white{border-color:#fff!important}.rounded-sm{border-radius:.2rem!important}.rounded{border-radius:.25rem!important}.rounded-top{border-top-left-radius:.25rem!important;border-top-right-radius:.25rem!important}.rounded-right{border-top-right-radius:.25rem!important;border-bottom-right-radius:.25rem!important}.rounded-bottom{border-bottom-right-radius:.25rem!important;border-bottom-left-radius:.25rem!important}.rounded-left{border-top-left-radius:.25rem!important;border-bottom-left-radius:.25rem!important}.rounded-lg{border-radius:.3rem!important}.rounded-circle{border-radius:50%!important}.rounded-pill{border-radius:50rem!important}.rounded-0{border-radius:0!important}.clearfix::after{display:block;clear:both;content:""}.d-none{display:none!important}.d-inline{display:inline!important}.d-inline-block{display:inline-block!important}.d-block{display:block!important}.d-table{display:table!important}.d-table-row{display:table-row!important}.d-table-cell{display:table-cell!important}.d-flex{display:-ms-flexbox!important;display:flex!important}.d-inline-flex{display:-ms-inline-flexbox!important;display:inline-flex!important}@media (min-width:576px){.d-sm-none{display:none!important}.d-sm-inline{display:inline!important}.d-sm-inline-block{display:inline-block!important}.d-sm-block{display:block!important}.d-sm-table{display:table!important}.d-sm-table-row{display:table-row!important}.d-sm-table-cell{display:table-cell!important}.d-sm-flex{display:-ms-flexbox!important;display:flex!important}.d-sm-inline-flex{display:-ms-inline-flexbox!important;display:inline-flex!important}}@media (min-width:768px){.d-md-none{display:none!important}.d-md-inline{display:inline!important}.d-md-inline-block{display:inline-block!important}.d-md-block{display:block!important}.d-md-table{display:table!important}.d-md-table-row{display:table-row!important}.d-md-table-cell{display:table-cell!important}.d-md-flex{display:-ms-flexbox!important;display:flex!important}.d-md-inline-flex{display:-ms-inline-flexbox!important;display:inline-flex!important}}@media (min-width:992px){.d-lg-none{display:none!important}.d-lg-inline{display:inline!important}.d-lg-inline-


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block{display:inline-block!important}.d-lg-block{display:block!important}.d-lg-
table{display:table!important}.d-lg-table-row{display:table-row!important}.d-lg-table-
cell{display:table-cell!important}.d-lg-flex{display:-ms-
flexbox!important;display:flex!important}.d-lg-inline-flex{display:-ms-inline-
flexbox!important;display:inline-flex!important}}@media (min-width:1200px){.d-xl-
none{display:none!important}.d-xl-inline{display:inline!important}.d-xl-inline-
block{display:inline-block!important}.d-xl-block{display:block!important}.d-xl-
table{display:table!important}.d-xl-table-row{display:table-row!important}.d-xl-table-
cell{display:table-cell!important}.d-xl-flex{display:-ms-
flexbox!important;display:flex!important}.d-xl-inline-flex{display:-ms-inline-
flexbox!important;display:inline-flex!important}}@media print{.d-print-
none{display:none!important}.d-print-inline{display:inline!important}.d-print-inline-
block{display:inline-block!important}.d-print-block{display:block!important}.d-print-
table{display:table!important}.d-print-table-row{display:table-row!important}.d-print-table-
cell{display:table-cell!important}.d-print-flex{display:-ms-
flexbox!important;display:flex!important}.d-print-inline-flex{display:-ms-inline-
flexbox!important;display:inline-flex!important}}.embed-
responsive{position:relative;display:block;width:100%;padding:0;overflow:hidden}.embed-
responsive::before{display:block;content:""}.embed-responsive .embed-responsive-item,.embed-
responsive embed,.embed-responsive iframe,.embed-responsive object,.embed-responsive
video{position:absolute;top:0;bottom:0;left:0;width:100%;height:100%;border:0}.embed-
responsive-21by9::before{padding-top:42.857143%}.embed-responsive-16by9::before{padding-
top:56.25%}.embed-responsive-4by3::before{padding-top:75%}.embed-responsive-
1by1::before{padding-top:100%}.flex-row{-ms-flex-direction:row!important;flex-
direction:row!important}.flex-column{-ms-flex-direction:column!important;flex-
direction:column!important}.flex-row-reverse{-ms-flex-direction:row-reverse!important;flex-
direction:row-reverse!important}.flex-column-reverse{-ms-flex-direction:column-
reverse!important;flex-direction:column-reverse!important}.flex-wrap{-ms-flex-
wrap:wrap!important;flex-wrap:wrap!important}.flex-nowrap{-ms-flex-
wrap:nowrap!important;flex-wrap:nowrap!important}.flex-wrap-reverse{-ms-flex-wrap:wrap-
reverse!important;flex-wrap:wrap-reverse!important}.flex-fill{-ms-flex:1 1 auto!important;flex:1

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1 auto!important}.flex-grow-0{-ms-flex-positive:0!important;flex-grow:0!important}.flex-grow-1{-ms-flex-positive:1!important;flex-grow:1!important}.flex-shrink-0{-ms-flex-negative:0!important;flex-shrink:0!important}.flex-shrink-1{-ms-flex-negative:1!important;flex-shrink:1!important}.justify-content-start{-ms-flex-pack:start!important;justify-content:flex-start!important}.justify-content-end{-ms-flex-pack:end!important;justify-content:flex-end!important}.justify-content-center{-ms-flex-pack:center!important;justify-content:center!important}.justify-content-between{-ms-flex-pack:justify!important;justify-content:space-between!important}.justify-content-around{-ms-flex-pack:distribute!important;justify-content:space-around!important}.align-items-start{-ms-flex-align:start!important;align-items:flex-start!important}.align-items-end{-ms-flex-align:end!important;align-items:flex-end!important}.align-items-center{-ms-flex-align:center!important;align-items:center!important}.align-items-baseline{-ms-flex-align:baseline!important;align-items:baseline!important}.align-items-stretch{-ms-flex-align:stretch!important;align-items:stretch!important}.align-content-start{-ms-flex-line-pack:start!important;align-content:flex-start!important}.align-content-end{-ms-flex-line-pack:end!important;align-content:flex-end!important}.align-content-center{-ms-flex-line-pack:center!important;align-content:center!important}.align-content-between{-ms-flex-line-pack:justify!important;align-content:space-between!important}.align-content-around{-ms-flex-line-pack:distribute!important;align-content:space-around!important}.align-content-stretch{-ms-flex-line-pack:stretch!important;align-content:stretch!important}.align-self-auto{-ms-flex-item-align:auto!important;align-self:auto!important}.align-self-start{-ms-flex-item-align:start!important;align-self:flex-start!important}.align-self-end{-ms-flex-item-align:end!important;align-self:flex-end!important}.align-self-center{-ms-flex-item-align:center!important;align-self:center!important}.align-self-baseline{-ms-flex-item-align:baseline!important;align-self:baseline!important}.align-self-stretch{-ms-flex-item-align:stretch!important;align-self:stretch!important}@media (min-width:576px){.flex-sm-row{-ms-flex-direction:row!important;flex-direction:row!important}.flex-sm-column{-ms-flex-direction:column!important;flex-direction:column!important}.flex-sm-row-reverse{-ms-flex-direction:row-reverse!important;flex-direction:row-reverse!important}.flex-sm-column-reverse{-ms-flex-direction:column-reverse!important;flex-direction:column-reverse!important}.flex-sm-wrap{-ms-flex-wrap:wrap!important;flex-wrap:wrap!important}.flex-sm-nowrap{-ms-flex-

wrap:nowrap!important;flex-wrap:nowrap!important}.flex-sm-wrap-reverse{-ms-flex-wrap:wrap-reverse!important;flex-wrap:wrap-reverse!important}.flex-sm-fill{-ms-flex:1 1 auto!important;flex:1 1 auto!important}.flex-sm-grow-0{-ms-flex-positive:0!important;flex-grow:0!important}.flex-sm-grow-1{-ms-flex-positive:1!important;flex-grow:1!important}.flex-sm-shrink-0{-ms-flex-negative:0!important;flex-shrink:0!important}.flex-sm-shrink-1{-ms-flex-negative:1!important;flex-shrink:1!important}.justify-content-sm-start{-ms-flex-pack:start!important;justify-content:flex-start!important}.justify-content-sm-end{-ms-flex-pack:end!important;justify-content:flex-end!important}.justify-content-sm-center{-ms-flex-pack:center!important;justify-content:center!important}.justify-content-sm-between{-ms-flex-pack:justify!important;justify-content:space-between!important}.justify-content-sm-around{-ms-flex-pack:distribute!important;justify-content:space-around!important}.align-items-sm-start{-ms-flex-align:start!important;align-items:flex-start!important}.align-items-sm-end{-ms-flex-align:end!important;align-items:flex-end!important}.align-items-sm-center{-ms-flex-align:center!important;align-items:center!important}.align-items-sm-baseline{-ms-flex-align:baseline!important;align-items:baseline!important}.align-items-sm-stretch{-ms-flex-align:stretch!important;align-items:stretch!important}.align-content-sm-start{-ms-flex-line-pack:start!important;align-content:flex-start!important}.align-content-sm-end{-ms-flex-line-pack:end!important;align-content:flex-end!important}.align-content-sm-center{-ms-flex-line-pack:center!important;align-content:center!important}.align-content-sm-between{-ms-flex-line-pack:justify!important;align-content:space-between!important}.align-content-sm-around{-ms-flex-line-pack:distribute!important;align-content:space-around!important}.align-content-sm-stretch{-ms-flex-line-pack:stretch!important;align-content:stretch!important}.align-self-sm-auto{-ms-flex-item-align:auto!important;align-self:auto!important}.align-self-sm-start{-ms-flex-item-align:start!important;align-self:flex-start!important}.align-self-sm-end{-ms-flex-item-align:end!important;align-self:flex-end!important}.align-self-sm-center{-ms-flex-item-align:center!important;align-self:center!important}.align-self-sm-baseline{-ms-flex-item-align:baseline!important;align-self:baseline!important}.align-self-sm-stretch{-ms-flex-item-align:stretch!important;align-self:stretch!important}}@media (min-width:768px){.flex-md-row{-ms-flex-direction:row!important;flex-direction:row!important}.flex-md-column{-ms-flex-direction:column!important;flex-direction:column!important}.flex-md-row-reverse{-ms-flex-direction:row-reverse!important;flex-direction:row-reverse!important}.flex-md-column-

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reverse{-ms-flex-direction:column-reverse!important;flex-direction:column-
reverse!important}.flex-md-wrap{-ms-flex-wrap:wrap!important;flex-
wrap:wrap!important}.flex-md-nowrap{-ms-flex-wrap:nowrap!important;flex-
wrap:nowrap!important}.flex-md-wrap-reverse{-ms-flex-wrap:wrap-reverse!important;flex-
wrap:wrap-reverse!important}.flex-md-fill{-ms-flex:1 1 auto!important;flex:1 1
auto!important}.flex-md-grow-0{-ms-flex-positive:0!important;flex-grow:0!important}.flex-md-
grow-1{-ms-flex-positive:1!important;flex-grow:1!important}.flex-md-shrink-0{-ms-flex-
negative:0!important;flex-shrink:0!important}.flex-md-shrink-1{-ms-flex-
negative:1!important;flex-shrink:1!important}.justify-content-md-start{-ms-flex-
pack:start!important;justify-content:flex-start!important}.justify-content-md-end{-ms-flex-
pack:end!important;justify-content:flex-end!important}.justify-content-md-center{-ms-flex-
pack:center!important;justify-content:center!important}.justify-content-md-between{-ms-flex-
pack:justify!important;justify-content:space-between!important}.justify-content-md-around{-
ms-flex-pack:distribute!important;justify-content:space-around!important}.align-items-md-
start{-ms-flex-align:start!important;align-items:flex-start!important}.align-items-md-end{-ms-
flex-align:end!important;align-items:flex-end!important}.align-items-md-center{-ms-flex-
align:center!important;align-items:center!important}.align-items-md-baseline{-ms-flex-
align:baseline!important;align-items:baseline!important}.align-items-md-stretch{-ms-flex-
align:stretch!important;align-items:stretch!important}.align-content-md-start{-ms-flex-line-
pack:start!important;align-content:flex-start!important}.align-content-md-end{-ms-flex-line-
pack:end!important;align-content:flex-end!important}.align-content-md-center{-ms-flex-line-
pack:center!important;align-content:center!important}.align-content-md-between{-ms-flex-line-
pack:justify!important;align-content:space-between!important}.align-content-md-around{-ms-
flex-line-pack:distribute!important;align-content:space-around!important}.align-content-md-
stretch{-ms-flex-line-pack:stretch!important;align-content:stretch!important}.align-self-md-
auto{-ms-flex-item-align:auto!important;align-self:auto!important}.align-self-md-start{-ms-flex-
item-align:start!important;align-self:flex-start!important}.align-self-md-end{-ms-flex-item-
align:end!important;align-self:flex-end!important}.align-self-md-center{-ms-flex-item-
align:center!important;align-self:center!important}.align-self-md-baseline{-ms-flex-item-
align:baseline!important;align-self:baseline!important}.align-self-md-stretch{-ms-flex-item-
align:stretch!important;align-self:stretch!important}}@media (min-width:992px){.flex-lg-row{-

```

ms-flex-direction:row!important;flex-direction:row!important}.flex-lg-column{-ms-flex-direction:column!important;flex-direction:column!important}.flex-lg-row-reverse{-ms-flex-direction:row-reverse!important;flex-direction:row-reverse!important}.flex-lg-column-reverse{-ms-flex-direction:column-reverse!important;flex-direction:column-reverse!important}.flex-lg-wrap{-ms-flex-wrap:wrap!important;flex-wrap:wrap!important}.flex-lg-nowrap{-ms-flex-wrap:nowrap!important;flex-wrap:nowrap!important}.flex-lg-wrap-reverse{-ms-flex-wrap:wrap-reverse!important;flex-wrap:wrap-reverse!important}.flex-lg-fill{-ms-flex:1 1 auto!important;flex:1 1 auto!important}.flex-lg-grow-0{-ms-flex-positive:0!important;flex-grow:0!important}.flex-lg-grow-1{-ms-flex-positive:1!important;flex-grow:1!important}.flex-lg-shrink-0{-ms-flex-negative:0!important;flex-shrink:0!important}.flex-lg-shrink-1{-ms-flex-negative:1!important;flex-shrink:1!important}.justify-content-lg-start{-ms-flex-pack:start!important;justify-content:flex-start!important}.justify-content-lg-end{-ms-flex-pack:end!important;justify-content:flex-end!important}.justify-content-lg-center{-ms-flex-pack:center!important;justify-content:center!important}.justify-content-lg-between{-ms-flex-pack:justify!important;justify-content:space-between!important}.justify-content-lg-around{-ms-flex-pack:distribute!important;justify-content:space-around!important}.align-items-lg-start{-ms-flex-align:start!important;align-items:flex-start!important}.align-items-lg-end{-ms-flex-align:end!important;align-items:flex-end!important}.align-items-lg-center{-ms-flex-align:center!important;align-items:center!important}.align-items-lg-baseline{-ms-flex-align:baseline!important;align-items:baseline!important}.align-items-lg-stretch{-ms-flex-align:stretch!important;align-items:stretch!important}.align-content-lg-start{-ms-flex-line-pack:start!important;align-content:flex-start!important}.align-content-lg-end{-ms-flex-line-pack:end!important;align-content:flex-end!important}.align-content-lg-center{-ms-flex-line-pack:center!important;align-content:center!important}.align-content-lg-between{-ms-flex-line-pack:justify!important;align-content:space-between!important}.align-content-lg-around{-ms-flex-line-pack:distribute!important;align-content:space-around!important}.align-content-lg-stretch{-ms-flex-line-pack:stretch!important;align-content:stretch!important}.align-self-lg-auto{-ms-flex-item-align:auto!important;align-self:auto!important}.align-self-lg-start{-ms-flex-item-align:start!important;align-self:flex-start!important}.align-self-lg-end{-ms-flex-item-align:end!important;align-self:flex-end!important}.align-self-lg-center{-ms-flex-item-align:center!important;align-self:center!important}.align-self-lg-baseline{-ms-flex-item-

align:baseline!important;align-self:baseline!important}.align-self-lg-stretch{-ms-flex-item-align:stretch!important;align-self:stretch!important}@media (min-width:1200px){.flex-xl-row{-ms-flex-direction:row!important;flex-direction:row!important}.flex-xl-column{-ms-flex-direction:column!important;flex-direction:column!important}.flex-xl-row-reverse{-ms-flex-direction:row-reverse!important;flex-direction:row-reverse!important}.flex-xl-column-reverse{-ms-flex-direction:column-reverse!important;flex-direction:column-reverse!important}.flex-xl-wrap{-ms-flex-wrap:wrap!important;flex-wrap:wrap!important}.flex-xl-nowrap{-ms-flex-wrap:nowrap!important;flex-wrap:nowrap!important}.flex-xl-wrap-reverse{-ms-flex-wrap:wrap-reverse!important;flex-wrap:wrap-reverse!important}.flex-xl-fill{-ms-flex:1 1 auto!important;flex:1 1 auto!important}.flex-xl-grow-0{-ms-flex-positive:0!important;flex-grow:0!important}.flex-xl-grow-1{-ms-flex-positive:1!important;flex-grow:1!important}.flex-xl-shrink-0{-ms-flex-negative:0!important;flex-shrink:0!important}.flex-xl-shrink-1{-ms-flex-negative:1!important;flex-shrink:1!important}.justify-content-xl-start{-ms-flex-pack:start!important;justify-content:flex-start!important}.justify-content-xl-end{-ms-flex-pack:end!important;justify-content:flex-end!important}.justify-content-xl-center{-ms-flex-pack:center!important;justify-content:center!important}.justify-content-xl-between{-ms-flex-pack:justify!important;justify-content:space-between!important}.justify-content-xl-around{-ms-flex-pack:distribute!important;justify-content:space-around!important}.align-items-xl-start{-ms-flex-align:start!important;align-items:flex-start!important}.align-items-xl-end{-ms-flex-align:end!important;align-items:flex-end!important}.align-items-xl-center{-ms-flex-align:center!important;align-items:center!important}.align-items-xl-baseline{-ms-flex-align:baseline!important;align-items:baseline!important}.align-items-xl-stretch{-ms-flex-align:stretch!important;align-items:stretch!important}.align-content-xl-start{-ms-flex-line-pack:start!important;align-content:flex-start!important}.align-content-xl-end{-ms-flex-line-pack:end!important;align-content:flex-end!important}.align-content-xl-center{-ms-flex-line-pack:center!important;align-content:center!important}.align-content-xl-between{-ms-flex-line-pack:justify!important;align-content:space-between!important}.align-content-xl-around{-ms-flex-line-pack:distribute!important;align-content:space-around!important}.align-content-xl-stretch{-ms-flex-line-pack:stretch!important;align-content:stretch!important}.align-self-xl-auto{-ms-flex-item-align:auto!important;align-self:auto!important}.align-self-xl-start{-ms-flex-item-align:start!important;align-self:flex-start!important}.align-self-xl-end{-ms-flex-item-

align:end!important;align-self:flex-end!important}.align-self-xl-center{-ms-flex-item-align:center!important;align-self:center!important}.align-self-xl-baseline{-ms-flex-item-align:baseline!important;align-self:baseline!important}.align-self-xl-stretch{-ms-flex-item-align:stretch!important;align-self:stretch!important}}.float-left{float:left!important}.float-right{float:right!important}.float-none{float:none!important}@media (min-width:576px){.float-sm-left{float:left!important}.float-sm-right{float:right!important}.float-sm-none{float:none!important}}@media (min-width:768px){.float-md-left{float:left!important}.float-md-right{float:right!important}.float-md-none{float:none!important}}@media (min-width:992px){.float-lg-left{float:left!important}.float-lg-right{float:right!important}.float-lg-none{float:none!important}}@media (min-width:1200px){.float-xl-left{float:left!important}.float-xl-right{float:right!important}.float-xl-none{float:none!important}}.overflow-auto{overflow:auto!important}.overflow-hidden{overflow:hidden!important}.position-static{position:static!important}.position-relative{position:relative!important}.position-absolute{position:absolute!important}.position-fixed{position:fixed!important}.position-sticky{position:-webkit-sticky!important;position:sticky!important}.fixed-top{position:fixed;top:0;right:0;left:0;z-index:1030}.fixed-bottom{position:fixed;right:0;bottom:0;left:0;z-index:1030}@supports ((position:-webkit-sticky) or (position:sticky)){.sticky-top{position:-webkit-sticky;position:sticky;top:0;z-index:1020}}.sr-only{position:absolute;width:1px;height:1px;padding:0;margin:-1px;overflow:hidden;clip:rect(0,0,0,0);white-space:nowrap;border:0}.sr-only-focusable:active,.sr-only-focusable:focus{position:static;width:auto;height:auto;overflow:visible;clip:auto;white-space:normal}.shadow-sm{box-shadow:0 .125rem .25rem rgba(0,0,0,.075)!important}.shadow{box-shadow:0 .5rem 1rem rgba(0,0,0,.15)!important}.shadow-lg{box-shadow:0 1rem 3rem rgba(0,0,0,.175)!important}.shadow-none{box-shadow:none!important}.w-25{width:25%!important}.w-50{width:50%!important}.w-75{width:75%!important}.w-100{width:100%!important}.w-auto{width:auto!important}.h-25{height:25%!important}.h-50{height:50%!important}.h-75{height:75%!important}.h-100{height:100%!important}.h-

auto{height:auto!important}.mw-100{max-width:100%!important}.mh-100{max-height:100%!important}.min-vw-100{min-width:100vw!important}.min-vh-100{min-height:100vh!important}.vw-100{width:100vw!important}.vh-100{height:100vh!important}.stretched-link::after{position:absolute;top:0;right:0;bottom:0;left:0;z-index:1;pointer-events:auto;content:"";background-color:rgba(0,0,0,0)}.m-0{margin:0!important}.mt-0,.my-0{margin-top:0!important}.mr-0,.mx-0{margin-right:0!important}.mb-0,.my-0{margin-bottom:0!important}.ml-0,.mx-0{margin-left:0!important}.m-1{margin:.25rem!important}.mt-1,.my-1{margin-top:.25rem!important}.mr-1,.mx-1{margin-right:.25rem!important}.mb-1,.my-1{margin-bottom:.25rem!important}.ml-1,.mx-1{margin-left:.25rem!important}.m-2{margin:.5rem!important}.mt-2,.my-2{margin-top:.5rem!important}.mr-2,.mx-2{margin-right:.5rem!important}.mb-2,.my-2{margin-bottom:.5rem!important}.ml-2,.mx-2{margin-left:.5rem!important}.m-3{margin:1rem!important}.mt-3,.my-3{margin-top:1rem!important}.mr-3,.mx-3{margin-right:1rem!important}.mb-3,.my-3{margin-bottom:1rem!important}.ml-3,.mx-3{margin-left:1rem!important}.m-4{margin:1.5rem!important}.mt-4,.my-4{margin-top:1.5rem!important}.mr-4,.mx-4{margin-right:1.5rem!important}.mb-4,.my-4{margin-bottom:1.5rem!important}.ml-4,.mx-4{margin-left:1.5rem!important}.m-5{margin:3rem!important}.mt-5,.my-5{margin-top:3rem!important}.mr-5,.mx-5{margin-right:3rem!important}.mb-5,.my-5{margin-bottom:3rem!important}.ml-5,.mx-5{margin-left:3rem!important}.p-0{padding:0!important}.pt-0,.py-0{padding-top:0!important}.pr-0,.px-0{padding-right:0!important}.pb-0,.py-0{padding-bottom:0!important}.pl-0,.px-0{padding-left:0!important}.p-1{padding:.25rem!important}.pt-1,.py-1{padding-top:.25rem!important}.pr-1,.px-1{padding-right:.25rem!important}.pb-1,.py-1{padding-bottom:.25rem!important}.pl-1,.px-1{padding-left:.25rem!important}.p-2{padding:.5rem!important}.pt-2,.py-2{padding-top:.5rem!important}.pr-2,.px-2{padding-right:.5rem!important}.pb-2,.py-2{padding-bottom:.5rem!important}.pl-2,.px-2{padding-left:.5rem!important}.p-3{padding:1rem!important}.pt-3,.py-3{padding-top:1rem!important}.pr-3,.px-3{padding-right:1rem!important}.pb-3,.py-3{padding-bottom:1rem!important}.pl-3,.px-3{padding-left:1rem!important}.p-4{padding:1.5rem!important}.pt-4,.py-4{padding-top:1.5rem!important}.pr-4,.px-4{padding-right:1.5rem!important}.pb-4,.py-4{padding-bottom:1.5rem!important}.pl-4,.px-4{padding-left:1.5rem!important}.p-

5{padding:3rem!important}.pt-5,.py-5{padding-top:3rem!important}.pr-5,.px-5{padding-right:3rem!important}.pb-5,.py-5{padding-bottom:3rem!important}.pl-5,.px-5{padding-left:3rem!important}.m-n1{margin:-.25rem!important}.mt-n1,.my-n1{margin-top:-.25rem!important}.mr-n1,.mx-n1{margin-right:-.25rem!important}.mb-n1,.my-n1{margin-bottom:-.25rem!important}.ml-n1,.mx-n1{margin-left:-.25rem!important}.m-n2{margin:-.5rem!important}.mt-n2,.my-n2{margin-top:-.5rem!important}.mr-n2,.mx-n2{margin-right:-.5rem!important}.mb-n2,.my-n2{margin-bottom:-.5rem!important}.ml-n2,.mx-n2{margin-left:-.5rem!important}.m-n3{margin:-1rem!important}.mt-n3,.my-n3{margin-top:-1rem!important}.mr-n3,.mx-n3{margin-right:-1rem!important}.mb-n3,.my-n3{margin-bottom:-1rem!important}.ml-n3,.mx-n3{margin-left:-1rem!important}.m-n4{margin:-1.5rem!important}.mt-n4,.my-n4{margin-top:-1.5rem!important}.mr-n4,.mx-n4{margin-right:-1.5rem!important}.mb-n4,.my-n4{margin-bottom:-1.5rem!important}.ml-n4,.mx-n4{margin-left:-1.5rem!important}.m-n5{margin:-3rem!important}.mt-n5,.my-n5{margin-top:-3rem!important}.mr-n5,.mx-n5{margin-right:-3rem!important}.mb-n5,.my-n5{margin-bottom:-3rem!important}.ml-n5,.mx-n5{margin-left:-3rem!important}.m-auto{margin:auto!important}.mt-auto,.my-auto{margin-top:auto!important}.mr-auto,.mx-auto{margin-right:auto!important}.mb-auto,.my-auto{margin-bottom:auto!important}.ml-auto,.mx-auto{margin-left:auto!important}@media (min-width:576px){.m-sm-0{margin:0!important}.mt-sm-0,.my-sm-0{margin-top:0!important}.mr-sm-0,.mx-sm-0{margin-right:0!important}.mb-sm-0,.my-sm-0{margin-bottom:0!important}.ml-sm-0,.mx-sm-0{margin-left:0!important}.m-sm-1{margin:.25rem!important}.mt-sm-1,.my-sm-1{margin-top:.25rem!important}.mr-sm-1,.mx-sm-1{margin-right:.25rem!important}.mb-sm-1,.my-sm-1{margin-bottom:.25rem!important}.ml-sm-1,.mx-sm-1{margin-left:.25rem!important}.m-sm-2{margin:.5rem!important}.mt-sm-2,.my-sm-2{margin-top:.5rem!important}.mr-sm-2,.mx-sm-2{margin-right:.5rem!important}.mb-sm-2,.my-sm-2{margin-bottom:.5rem!important}.ml-sm-2,.mx-sm-2{margin-left:.5rem!important}.m-sm-3{margin:1rem!important}.mt-sm-3,.my-sm-3{margin-top:1rem!important}.mr-sm-3,.mx-sm-3{margin-right:1rem!important}.mb-sm-3,.my-sm-3{margin-bottom:1rem!important}.ml-sm-3,.mx-sm-3{margin-left:1rem!important}.m-sm-4{margin:1.5rem!important}.mt-sm-4,.my-sm-4{margin-top:1.5rem!important}.mr-sm-4,.mx-sm-4{margin-right:1.5rem!important}.mb-sm-4,.my-sm-4{margin-bottom:1.5rem!important}.ml-sm-4,.mx-sm-4{margin-left:1.5rem!important}.m-sm-

5 {margin: 3rem !important} .mt-sm-5, .my-sm-5 {margin-top: 3rem !important} .mr-sm-5, .mx-sm-5 {margin-right: 3rem !important} .mb-sm-5, .my-sm-5 {margin-bottom: 3rem !important} .ml-sm-5, .mx-sm-5 {margin-left: 3rem !important} .p-sm-0 {padding: 0 !important} .pt-sm-0, .py-sm-0 {padding-top: 0 !important} .pr-sm-0, .px-sm-0 {padding-right: 0 !important} .pb-sm-0, .py-sm-0 {padding-bottom: 0 !important} .pl-sm-0, .px-sm-0 {padding-left: 0 !important} .p-sm-1 {padding: .25rem !important} .pt-sm-1, .py-sm-1 {padding-top: .25rem !important} .pr-sm-1, .px-sm-1 {padding-right: .25rem !important} .pb-sm-1, .py-sm-1 {padding-bottom: .25rem !important} .pl-sm-1, .px-sm-1 {padding-left: .25rem !important} .p-sm-2 {padding: .5rem !important} .pt-sm-2, .py-sm-2 {padding-top: .5rem !important} .pr-sm-2, .px-sm-2 {padding-right: .5rem !important} .pb-sm-2, .py-sm-2 {padding-bottom: .5rem !important} .pl-sm-2, .px-sm-2 {padding-left: .5rem !important} .p-sm-3 {padding: 1rem !important} .pt-sm-3, .py-sm-3 {padding-top: 1rem !important} .pr-sm-3, .px-sm-3 {padding-right: 1rem !important} .pb-sm-3, .py-sm-3 {padding-bottom: 1rem !important} .pl-sm-3, .px-sm-3 {padding-left: 1rem !important} .p-sm-4 {padding: 1.5rem !important} .pt-sm-4, .py-sm-4 {padding-top: 1.5rem !important} .pr-sm-4, .px-sm-4 {padding-right: 1.5rem !important} .pb-sm-4, .py-sm-4 {padding-bottom: 1.5rem !important} .pl-sm-4, .px-sm-4 {padding-left: 1.5rem !important} .p-sm-5 {padding: 3rem !important} .pt-sm-5, .py-sm-5 {padding-top: 3rem !important} .pr-sm-5, .px-sm-5 {padding-right: 3rem !important} .pb-sm-5, .py-sm-5 {padding-bottom: 3rem !important} .pl-sm-5, .px-sm-5 {padding-left: 3rem !important} .m-sm-n1 {margin: -.25rem !important} .mt-sm-n1, .my-sm-n1 {margin-top: -.25rem !important} .mr-sm-n1, .mx-sm-n1 {margin-right: -.25rem !important} .mb-sm-n1, .my-sm-n1 {margin-bottom: -.25rem !important} .ml-sm-n1, .mx-sm-n1 {margin-left: -.25rem !important} .m-sm-n2 {margin: -.5rem !important} .mt-sm-n2, .my-sm-n2 {margin-top: -.5rem !important} .mr-sm-n2, .mx-sm-n2 {margin-right: -.5rem !important} .mb-sm-n2, .my-sm-n2 {margin-bottom: -.5rem !important} .ml-sm-n2, .mx-sm-n2 {margin-left: -.5rem !important} .m-sm-n3 {margin: -1rem !important} .mt-sm-n3, .my-sm-n3 {margin-top: -1rem !important} .mr-sm-n3, .mx-sm-n3 {margin-right: -1rem !important} .mb-sm-n3, .my-sm-n3 {margin-bottom: -1rem !important} .ml-sm-n3, .mx-sm-n3 {margin-left: -1rem !important} .m-sm-n4 {margin: -1.5rem !important} .mt-sm-n4, .my-sm-n4 {margin-top: -1.5rem !important} .mr-sm-n4, .mx-sm-n4 {margin-right: -1.5rem !important} .mb-sm-n4, .my-sm-n4 {margin-bottom: -1.5rem !important} .ml-sm-n4, .mx-sm-n4 {margin-left: -1.5rem !important} .m-sm-n5 {margin: -3rem !important} .mt-sm-n5, .my-sm-n5 {margin-top: -3rem !important} .mr-sm-n5, .mx-sm-

n5{margin-right:-3rem!important}.mb-sm-n5,.my-sm-n5{margin-bottom:-3rem!important}.ml-sm-n5,.mx-sm-n5{margin-left:-3rem!important}.m-sm-auto{margin:auto!important}.mt-sm-auto,.my-sm-auto{margin-top:auto!important}.mr-sm-auto,.mx-sm-auto{margin-right:auto!important}.mb-sm-auto,.my-sm-auto{margin-bottom:auto!important}.ml-sm-auto,.mx-sm-auto{margin-left:auto!important}}@media (min-width:768px){.m-md-0{margin:0!important}.mt-md-0,.my-md-0{margin-top:0!important}.mr-md-0,.mx-md-0{margin-right:0!important}.mb-md-0,.my-md-0{margin-bottom:0!important}.ml-md-0,.mx-md-0{margin-left:0!important}.m-md-1{margin:.25rem!important}.mt-md-1,.my-md-1{margin-top:.25rem!important}.mr-md-1,.mx-md-1{margin-right:.25rem!important}.mb-md-1,.my-md-1{margin-bottom:.25rem!important}.ml-md-1,.mx-md-1{margin-left:.25rem!important}.m-md-2{margin:.5rem!important}.mt-md-2,.my-md-2{margin-top:.5rem!important}.mr-md-2,.mx-md-2{margin-right:.5rem!important}.mb-md-2,.my-md-2{margin-bottom:.5rem!important}.ml-md-2,.mx-md-2{margin-left:.5rem!important}.m-md-3{margin:1rem!important}.mt-md-3,.my-md-3{margin-top:1rem!important}.mr-md-3,.mx-md-3{margin-right:1rem!important}.mb-md-3,.my-md-3{margin-bottom:1rem!important}.ml-md-3,.mx-md-3{margin-left:1rem!important}.m-md-4{margin:1.5rem!important}.mt-md-4,.my-md-4{margin-top:1.5rem!important}.mr-md-4,.mx-md-4{margin-right:1.5rem!important}.mb-md-4,.my-md-4{margin-bottom:1.5rem!important}.ml-md-4,.mx-md-4{margin-left:1.5rem!important}.m-md-5{margin:3rem!important}.mt-md-5,.my-md-5{margin-top:3rem!important}.mr-md-5,.mx-md-5{margin-right:3rem!important}.mb-md-5,.my-md-5{margin-bottom:3rem!important}.ml-md-5,.mx-md-5{margin-left:3rem!important}.p-md-0{padding:0!important}.pt-md-0,.py-md-0{padding-top:0!important}.pr-md-0,.px-md-0{padding-right:0!important}.pb-md-0,.py-md-0{padding-bottom:0!important}.pl-md-0,.px-md-0{padding-left:0!important}.p-md-1{padding:.25rem!important}.pt-md-1,.py-md-1{padding-top:.25rem!important}.pr-md-1,.px-md-1{padding-right:.25rem!important}.pb-md-1,.py-md-1{padding-bottom:.25rem!important}.pl-md-1,.px-md-1{padding-left:.25rem!important}.p-md-2{padding:.5rem!important}.pt-md-2,.py-md-2{padding-top:.5rem!important}.pr-md-2,.px-md-2{padding-right:.5rem!important}.pb-md-2,.py-md-2{padding-bottom:.5rem!important}.pl-md-2,.px-md-2{padding-left:.5rem!important}.p-md-3{padding:1rem!important}.pt-md-3,.py-md-3{padding-top:1rem!important}.pr-md-3,.px-md-3{padding-right:1rem!important}.pb-md-3,.py-md-3{padding-bottom:1rem!important}.pl-md-3,.px-md-3{padding-left:1rem!important}.p-md-

4{padding:1.5rem!important}.pt-md-4,.py-md-4{padding-top:1.5rem!important}.pr-md-4,.px-md-4{padding-right:1.5rem!important}.pb-md-4,.py-md-4{padding-bottom:1.5rem!important}.pl-md-4,.px-md-4{padding-left:1.5rem!important}.p-md-5{padding:3rem!important}.pt-md-5,.py-md-5{padding-top:3rem!important}.pr-md-5,.px-md-5{padding-right:3rem!important}.pb-md-5,.py-md-5{padding-bottom:3rem!important}.pl-md-5,.px-md-5{padding-left:3rem!important}.m-md-n1{margin:-.25rem!important}.mt-md-n1,.my-md-n1{margin-top:-.25rem!important}.mr-md-n1,.mx-md-n1{margin-right:-.25rem!important}.mb-md-n1,.my-md-n1{margin-bottom:-.25rem!important}.ml-md-n1,.mx-md-n1{margin-left:-.25rem!important}.m-md-n2{margin:-.5rem!important}.mt-md-n2,.my-md-n2{margin-top:-.5rem!important}.mr-md-n2,.mx-md-n2{margin-right:-.5rem!important}.mb-md-n2,.my-md-n2{margin-bottom:-.5rem!important}.ml-md-n2,.mx-md-n2{margin-left:-.5rem!important}.m-md-n3{margin:-1rem!important}.mt-md-n3,.my-md-n3{margin-top:-1rem!important}.mr-md-n3,.mx-md-n3{margin-right:-1rem!important}.mb-md-n3,.my-md-n3{margin-bottom:-1rem!important}.ml-md-n3,.mx-md-n3{margin-left:-1rem!important}.m-md-n4{margin:-1.5rem!important}.mt-md-n4,.my-md-n4{margin-top:-1.5rem!important}.mr-md-n4,.mx-md-n4{margin-right:-1.5rem!important}.mb-md-n4,.my-md-n4{margin-bottom:-1.5rem!important}.ml-md-n4,.mx-md-n4{margin-left:-1.5rem!important}.m-md-n5{margin:-3rem!important}.mt-md-n5,.my-md-n5{margin-top:-3rem!important}.mr-md-n5,.mx-md-n5{margin-right:-3rem!important}.mb-md-n5,.my-md-n5{margin-bottom:-3rem!important}.ml-md-n5,.mx-md-n5{margin-left:-3rem!important}.m-md-auto{margin:auto!important}.mt-md-auto,.my-md-auto{margin-top:auto!important}.mr-md-auto,.mx-md-auto{margin-right:auto!important}.mb-md-auto,.my-md-auto{margin-bottom:auto!important}.ml-md-auto,.mx-md-auto{margin-left:auto!important}}@media (min-width:992px){.m-lg-0{margin:0!important}.mt-lg-0,.my-lg-0{margin-top:0!important}.mr-lg-0,.mx-lg-0{margin-right:0!important}.mb-lg-0,.my-lg-0{margin-bottom:0!important}.ml-lg-0,.mx-lg-0{margin-left:0!important}.m-lg-1{margin:.25rem!important}.mt-lg-1,.my-lg-1{margin-top:.25rem!important}.mr-lg-1,.mx-lg-1{margin-right:.25rem!important}.mb-lg-1,.my-lg-1{margin-bottom:.25rem!important}.ml-lg-1,.mx-lg-1{margin-left:.25rem!important}.m-lg-2{margin:.5rem!important}.mt-lg-2,.my-lg-2{margin-top:.5rem!important}.mr-lg-2,.mx-lg-2{margin-right:.5rem!important}.mb-lg-2,.my-lg-2{margin-bottom:.5rem!important}.ml-lg-2,.mx-lg-2{margin-left:.5rem!important}.m-lg-3{margin:1rem!important}.mt-lg-3,.my-lg-

3{margin-top:1rem!important}.mr-lg-3,.mx-lg-3{margin-right:1rem!important}.mb-lg-3,.my-lg-
 3{margin-bottom:1rem!important}.ml-lg-3,.mx-lg-3{margin-left:1rem!important}.m-lg-
 4{margin:1.5rem!important}.mt-lg-4,.my-lg-4{margin-top:1.5rem!important}.mr-lg-4,.mx-lg-
 4{margin-right:1.5rem!important}.mb-lg-4,.my-lg-4{margin-bottom:1.5rem!important}.ml-lg-
 4,.mx-lg-4{margin-left:1.5rem!important}.m-lg-5{margin:3rem!important}.mt-lg-5,.my-lg-
 5{margin-top:3rem!important}.mr-lg-5,.mx-lg-5{margin-right:3rem!important}.mb-lg-5,.my-lg-
 5{margin-bottom:3rem!important}.ml-lg-5,.mx-lg-5{margin-left:3rem!important}.p-lg-
 0{padding:0!important}.pt-lg-0,.py-lg-0{padding-top:0!important}.pr-lg-0,.px-lg-0{padding-
 right:0!important}.pb-lg-0,.py-lg-0{padding-bottom:0!important}.pl-lg-0,.px-lg-0{padding-
 left:0!important}.p-lg-1{padding:.25rem!important}.pt-lg-1,.py-lg-1{padding-
 top:.25rem!important}.pr-lg-1,.px-lg-1{padding-right:.25rem!important}.pb-lg-1,.py-lg-
 1{padding-bottom:.25rem!important}.pl-lg-1,.px-lg-1{padding-left:.25rem!important}.p-lg-
 2{padding:.5rem!important}.pt-lg-2,.py-lg-2{padding-top:.5rem!important}.pr-lg-2,.px-lg-
 2{padding-right:.5rem!important}.pb-lg-2,.py-lg-2{padding-bottom:.5rem!important}.pl-lg-
 2,.px-lg-2{padding-left:.5rem!important}.p-lg-3{padding:1rem!important}.pt-lg-3,.py-lg-
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 3{padding-bottom:1rem!important}.pl-lg-3,.px-lg-3{padding-left:1rem!important}.p-lg-
 4{padding:1.5rem!important}.pt-lg-4,.py-lg-4{padding-top:1.5rem!important}.pr-lg-4,.px-lg-
 4{padding-right:1.5rem!important}.pb-lg-4,.py-lg-4{padding-bottom:1.5rem!important}.pl-lg-
 4,.px-lg-4{padding-left:1.5rem!important}.p-lg-5{padding:3rem!important}.pt-lg-5,.py-lg-
 5{padding-top:3rem!important}.pr-lg-5,.px-lg-5{padding-right:3rem!important}.pb-lg-5,.py-lg-
 5{padding-bottom:3rem!important}.pl-lg-5,.px-lg-5{padding-left:3rem!important}.m-lg-
 n1{margin:-.25rem!important}.mt-lg-n1,.my-lg-n1{margin-top:-.25rem!important}.mr-lg-
 n1,.mx-lg-n1{margin-right:-.25rem!important}.mb-lg-n1,.my-lg-n1{margin-bottom:-
 .25rem!important}.ml-lg-n1,.mx-lg-n1{margin-left:-.25rem!important}.m-lg-n2{margin:-
 .5rem!important}.mt-lg-n2,.my-lg-n2{margin-top:-.5rem!important}.mr-lg-n2,.mx-lg-
 n2{margin-right:-.5rem!important}.mb-lg-n2,.my-lg-n2{margin-bottom:-.5rem!important}.ml-
 lg-n2,.mx-lg-n2{margin-left:-.5rem!important}.m-lg-n3{margin:-1rem!important}.mt-lg-n3,.my-
 lg-n3{margin-top:-1rem!important}.mr-lg-n3,.mx-lg-n3{margin-right:-1rem!important}.mb-lg-
 n3,.my-lg-n3{margin-bottom:-1rem!important}.ml-lg-n3,.mx-lg-n3{margin-left:-
 1rem!important}.m-lg-n4{margin:-1.5rem!important}.mt-lg-n4,.my-lg-n4{margin-top:-

1.5rem!important}.mr-lg-n4,.mx-lg-n4{margin-right:-1.5rem!important}.mb-lg-n4,.my-lg-n4{margin-bottom:-1.5rem!important}.ml-lg-n4,.mx-lg-n4{margin-left:-1.5rem!important}.m-lg-n5{margin:-3rem!important}.mt-lg-n5,.my-lg-n5{margin-top:-3rem!important}.mr-lg-n5,.mx-lg-n5{margin-right:-3rem!important}.mb-lg-n5,.my-lg-n5{margin-bottom:-3rem!important}.ml-lg-n5,.mx-lg-n5{margin-left:-3rem!important}.m-lg-auto{margin:auto!important}.mt-lg-auto,.my-lg-auto{margin-top:auto!important}.mr-lg-auto,.mx-lg-auto{margin-right:auto!important}.mb-lg-auto,.my-lg-auto{margin-bottom:auto!important}.ml-lg-auto,.mx-lg-auto{margin-left:auto!important}}@media (min-width:1200px){.m-xl-0{margin:0!important}.mt-xl-0,.my-xl-0{margin-top:0!important}.mr-xl-0,.mx-xl-0{margin-right:0!important}.mb-xl-0,.my-xl-0{margin-bottom:0!important}.ml-xl-0,.mx-xl-0{margin-left:0!important}.m-xl-1{margin:.25rem!important}.mt-xl-1,.my-xl-1{margin-top:.25rem!important}.mr-xl-1,.mx-xl-1{margin-right:.25rem!important}.mb-xl-1,.my-xl-1{margin-bottom:.25rem!important}.ml-xl-1,.mx-xl-1{margin-left:.25rem!important}.m-xl-2{margin:.5rem!important}.mt-xl-2,.my-xl-2{margin-top:.5rem!important}.mr-xl-2,.mx-xl-2{margin-right:.5rem!important}.mb-xl-2,.my-xl-2{margin-bottom:.5rem!important}.ml-xl-2,.mx-xl-2{margin-left:.5rem!important}.m-xl-3{margin:1rem!important}.mt-xl-3,.my-xl-3{margin-top:1rem!important}.mr-xl-3,.mx-xl-3{margin-right:1rem!important}.mb-xl-3,.my-xl-3{margin-bottom:1rem!important}.ml-xl-3,.mx-xl-3{margin-left:1rem!important}.m-xl-4{margin:1.5rem!important}.mt-xl-4,.my-xl-4{margin-top:1.5rem!important}.mr-xl-4,.mx-xl-4{margin-right:1.5rem!important}.mb-xl-4,.my-xl-4{margin-bottom:1.5rem!important}.ml-xl-4,.mx-xl-4{margin-left:1.5rem!important}.m-xl-5{margin:3rem!important}.mt-xl-5,.my-xl-5{margin-top:3rem!important}.mr-xl-5,.mx-xl-5{margin-right:3rem!important}.mb-xl-5,.my-xl-5{margin-bottom:3rem!important}.ml-xl-5,.mx-xl-5{margin-left:3rem!important}.p-xl-0{padding:0!important}.pt-xl-0,.py-xl-0{padding-top:0!important}.pr-xl-0,.px-xl-0{padding-right:0!important}.pb-xl-0,.py-xl-0{padding-bottom:0!important}.pl-xl-0,.px-xl-0{padding-left:0!important}.p-xl-1{padding:.25rem!important}.pt-xl-1,.py-xl-1{padding-top:.25rem!important}.pr-xl-1,.px-xl-1{padding-right:.25rem!important}.pb-xl-1,.py-xl-1{padding-bottom:.25rem!important}.pl-xl-1,.px-xl-1{padding-left:.25rem!important}.p-xl-2{padding:.5rem!important}.pt-xl-2,.py-xl-2{padding-top:.5rem!important}.pr-xl-2,.px-xl-2{padding-right:.5rem!important}.pb-xl-2,.py-xl-2{padding-bottom:.5rem!important}.pl-xl-2,.px-xl-2{padding-left:.5rem!important}.p-xl-3{padding:1rem!important}.pt-xl-3,.py-xl-

3{padding-top:1rem!important}.pr-xl-3,.px-xl-3{padding-right:1rem!important}.pb-xl-3,.py-xl-3{padding-bottom:1rem!important}.pl-xl-3,.px-xl-3{padding-left:1rem!important}.p-xl-4{padding:1.5rem!important}.pt-xl-4,.py-xl-4{padding-top:1.5rem!important}.pr-xl-4,.px-xl-4{padding-right:1.5rem!important}.pb-xl-4,.py-xl-4{padding-bottom:1.5rem!important}.pl-xl-4,.px-xl-4{padding-left:1.5rem!important}.p-xl-5{padding:3rem!important}.pt-xl-5,.py-xl-5{padding-top:3rem!important}.pr-xl-5,.px-xl-5{padding-right:3rem!important}.pb-xl-5,.py-xl-5{padding-bottom:3rem!important}.pl-xl-5,.px-xl-5{padding-left:3rem!important}.m-xl-n1{margin:-.25rem!important}.mt-xl-n1,.my-xl-n1{margin-top:-.25rem!important}.mr-xl-n1,.mx-xl-n1{margin-right:-.25rem!important}.mb-xl-n1,.my-xl-n1{margin-bottom:-.25rem!important}.ml-xl-n1,.mx-xl-n1{margin-left:-.25rem!important}.m-xl-n2{margin:-.5rem!important}.mt-xl-n2,.my-xl-n2{margin-top:-.5rem!important}.mr-xl-n2,.mx-xl-n2{margin-right:-.5rem!important}.mb-xl-n2,.my-xl-n2{margin-bottom:-.5rem!important}.ml-xl-n2,.mx-xl-n2{margin-left:-.5rem!important}.m-xl-n3{margin:-1rem!important}.mt-xl-n3,.my-xl-n3{margin-top:-1rem!important}.mr-xl-n3,.mx-xl-n3{margin-right:-1rem!important}.mb-xl-n3,.my-xl-n3{margin-bottom:-1rem!important}.ml-xl-n3,.mx-xl-n3{margin-left:-1rem!important}.m-xl-n4{margin:-1.5rem!important}.mt-xl-n4,.my-xl-n4{margin-top:-1.5rem!important}.mr-xl-n4,.mx-xl-n4{margin-right:-1.5rem!important}.mb-xl-n4,.my-xl-n4{margin-bottom:-1.5rem!important}.ml-xl-n4,.mx-xl-n4{margin-left:-1.5rem!important}.m-xl-n5{margin:-3rem!important}.mt-xl-n5,.my-xl-n5{margin-top:-3rem!important}.mr-xl-n5,.mx-xl-n5{margin-right:-3rem!important}.mb-xl-n5,.my-xl-n5{margin-bottom:-3rem!important}.ml-xl-n5,.mx-xl-n5{margin-left:-3rem!important}.m-xl-auto{margin:auto!important}.mt-xl-auto,.my-xl-auto{margin-top:auto!important}.mr-xl-auto,.mx-xl-auto{margin-right:auto!important}.mb-xl-auto,.my-xl-auto{margin-bottom:auto!important}.ml-xl-auto,.mx-xl-auto{margin-left:auto!important}}.text-monospace{font-family:SFMono-Regular, Menlo, Monaco, Consolas, "Liberation Mono", "Courier New", monospace!important}.text-justify{text-align:justify!important}.text-wrap{white-space:normal!important}.text-nowrap{white-space:nowrap!important}.text-truncate{overflow:hidden;text-overflow:ellipsis;white-space:nowrap}.text-left{text-align:left!important}.text-right{text-align:right!important}.text-center{text-align:center!important}@media (min-width:576px){.text-sm-left{text-align:left!important}.text-sm-right{text-align:right!important}.text-sm-center{text-align:center!important}}@media (min-

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width:768px){.text-md-left{ text-align:left!important }.text-md-right{ text-
align:right!important }.text-md-center{ text-align:center!important }} @media (min-
width:992px){.text-lg-left{ text-align:left!important }.text-lg-right{ text-
align:right!important }.text-lg-center{ text-align:center!important }} @media (min-
width:1200px){.text-xl-left{ text-align:left!important }.text-xl-right{ text-
align:right!important }.text-xl-center{ text-align:center!important }}.text-lowercase{ text-
transform:lowercase!important }.text-uppercase{ text-transform:uppercase!important }.text-
capitalize{ text-transform:capitalize!important }.font-weight-light{ font-
weight:300!important }.font-weight-lighter{ font-weight:lighter!important }.font-weight-
normal{ font-weight:400!important }.font-weight-bold{ font-weight:700!important }.font-weight-
bolder{ font-weight:bolder!important }.font-italic{ font-style:italic!important }.text-
white{ color:#fff!important }.text-primary{ color:#007bff!important }a.text-primary:focus,a.text-
primary:hover{ color:#0056b3!important }.text-secondary{ color:#6c757d!important }a.text-
secondary:focus,a.text-secondary:hover{ color:#494f54!important }.text-
success{ color:#28a745!important }a.text-success:focus,a.text-
success:hover{ color:#19692c!important }.text-info{ color:#17a2b8!important }a.text-
info:focus,a.text-info:hover{ color:#0f6674!important }.text-
warning{ color:#ffc107!important }a.text-warning:focus,a.text-
warning:hover{ color:#ba8b00!important }.text-danger{ color:#dc3545!important }a.text-
danger:focus,a.text-danger:hover{ color:#a71d2a!important }.text-
light{ color:#f8f9fa!important }a.text-light:focus,a.text-
light:hover{ color:#cbd3da!important }.text-dark{ color:#343a40!important }a.text-
dark:focus,a.text-dark:hover{ color:#121416!important }.text-
body{ color:#212529!important }.text-muted{ color:#6c757d!important }.text-black-
50{ color:rgba(0,0,0,.5)!important }.text-white-50{ color:rgba(255,255,255,.5)!important }.text-
hide{ font:0/0 a;color:transparent;text-shadow:none;background-color:transparent;border:0 }.text-
decoration-none{ text-decoration:none!important }.text-break{ word-break:break-
word!important;overflow-wrap:break-word!important }.text-
reset{ color:inherit!important }.visible{ visibility:visible!important }.invisible{ visibility:hidden!im-
portant } @media print{ *,::after,::before{ text-shadow:none!important;box-
shadow:none!important }a:not(.btn){ text-decoration:underline }abbr[title]::after{ content:" ("

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attr(title) ")") }pre{ white-space:pre-wrap!important }blockquote,pre{ border: 1px solid
#adb5bd;page-break-inside:avoid }thead{ display:table-header-group }img,tr{ page-break-
inside:avoid }h2,h3,p{ orphans:3;widows:3 }h2,h3{ page-break-
after:avoid }@page{ size:a3 }body{ min-width:992px!important }.container{ min-
width:992px!important }.navbar{ display:none }.badge{ border: 1px solid #000 }.table{ border-
collapse:collapse!important }.table td,.table th{ background-color:#fff!important }.table-bordered
td,.table-bordered th{ border: 1px solid #dee2e6!important }.table-dark{ color:inherit }.table-dark
tbody+tbody,.table-dark td,.table-dark th,.table-dark thead th{ border-color:#dee2e6 }.table
.thead-dark th{ color:inherit;border-color:#dee2e6 }

/*# sourceMappingURL=bootstrap.min.css.map */

```

TEMPLATES:

formhelpers.html:

```

{% macro render_field(field) %}

<dt>{{ field.label }}

<dd>{{ field(**kwargs)|safe }}

{% if field.errors %}

<ul class=errors>

{% for error in field.errors %}

<li class="text-danger">{{ error }}</li>

{% endfor %}

</ul>

{% endif %}

</dd>

{% endmacro %}

```

messages.html:

```
{% with messages = get_flashed_messages(with_categories=true) %}

{% if messages %}

<div class=flashes>

{% for category, message in messages %}

<div class="alert alert-{{ category }}">{{ message }}</div>

{% endfor %}

</div>

{% endif %}

{% endwith %}

{% block body %}{% endblock %}
```

layout.html:

```
<!doctype html>

<html lang="en">

<head>

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<!-- Bootstrap CSS -->

<link rel="stylesheet" href="{{ url_for('static', filename='css/bootstrap.min.css') }}">

{% if title %}

<title>{{ title }}</title>

{% else %}
```

```

<title>Shop</title>

{ % endif % }

</head>

<body>

{ % block content % }


{ % endblock content % }

<script src="{{ url_for('static', filename='js/jquery-3.4.1.slim.min.js')}}" ></script>

<script src="{{ url_for('static', filename='js/popper.min.js')}}" ></script>

<script src="{{ url_for('static', filename='js/bootstrap.min.js')}}" ></script>

</body>

</html>

```

navbar.html:

```

<div class="container">

    <nav class="navbar navbar-expand-lg navbar-light bg-light">

        <a class="navbar-brand" href="/">Myshop</a>

        <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">

            <span class="navbar-toggler-icon"></span>

        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">

```

```

<ul class="navbar-nav mr-auto">

  <li class="nav-item active">

    <a class="nav-link" href="/">Products <span class="sr-only">(current)</span></a>

  </li>

  <li class="nav-item dropdown">

    <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"
data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

      Brands

    </a>

    <div class="dropdown-menu" aria-labelledby="navbarDropdown">

      {% for brand in brands %}

        <a class="dropdown-item" href="{% url_for('get_brand',
id=brand.id) %}">{{ brand.name }}</a>

      {% endfor %}

    </div>

  </li>

  <li class="nav-item dropdown">

    <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"
data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

      Categories

    </a>

    <div class="dropdown-menu" aria-labelledby="navbarDropdown">

```

```

        {% for category in categories %}

        <a class="dropdown-item"
href="{{ url_for('get_category',id=category.id) }}">{{ category.name }}</a>

        {% endfor %}

    </div>

    </li>

    {% if current_user.is_authenticated %}

    <li class="nav-item">

    <a href="{{ url_for('customer_logout') }}" class="nav-link">{{ current_user.name }}</a>

    </li>

    <li class="nav-item">

    <a href="{{ url_for('customer_logout') }}" class="nav-link"> Logout</a>

    </li>

    {% else %}

    <li class="nav-item">

    <a href="{{ url_for('customer_register') }}" class="nav-link">Sign in</a>

    </li>

    <li class="nav-item">

    <a href="{{ url_for('customerLogin') }}" class="nav-link">login</a>

    </li>

    {% endif %}

    <li class="nav-item">

```

```

        <a href="{{url_for('getCart')}}" class="nav-link"> Cart ({{
session['Shoppingcart']|length }}) </a>

    </li>

</ul>

<form class="form-inline my-2 my-lg-0" action="{{url_for('result')}}">

    <input class="form-control mr-sm-2" type="search" placeholder="Search" aria-
label="Search" name="q">

    <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>

</form>

</div>

</nav>

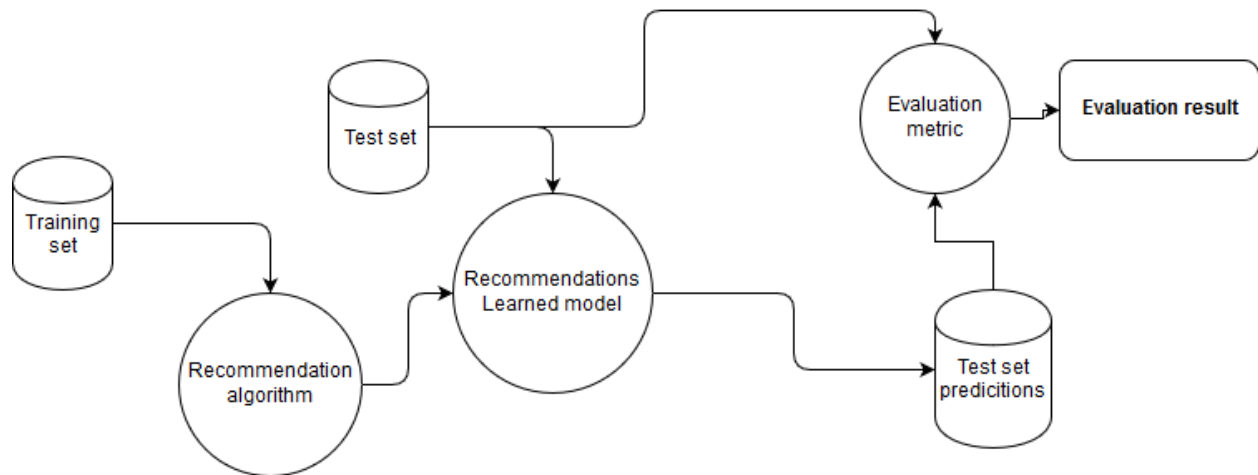
</div>

```

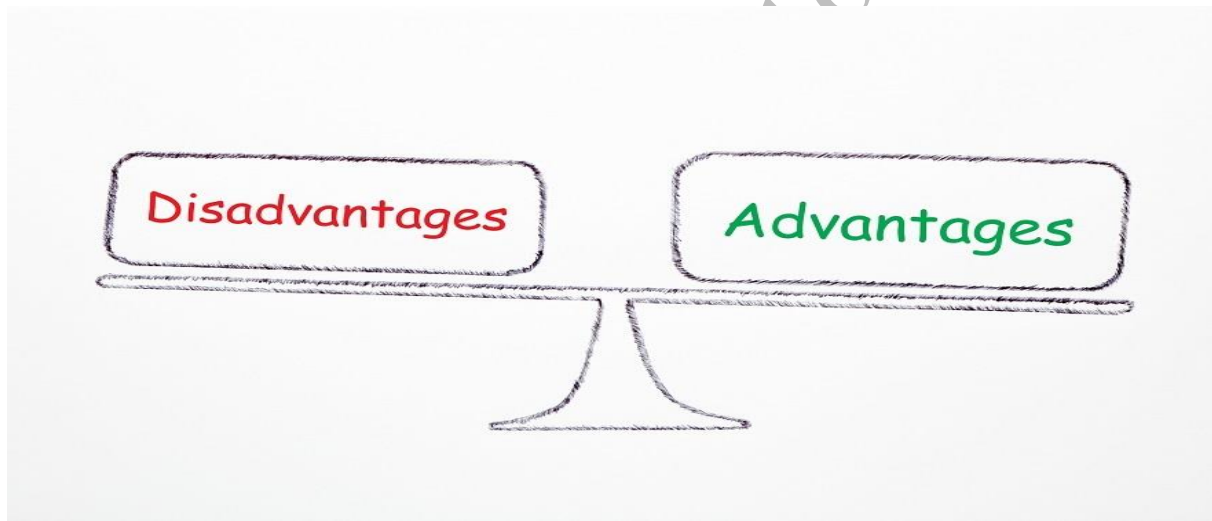
9. RESULTS:

9.1 PERFORMANCE METRICS:

Recommender systems are growing progressively more popular in online retail because of their ability to offer personalized experiences to unique users. Mean Average Precision at K (MAP@K) is typically the metric of choice for evaluating the performance of a recommender systems. However, the use of additional diagnostic metrics and visualizations can offer deeper and sometimes surprising insights into a model's performance. This article explores Mean Average Recall at K (MAR@K), Coverage, Personalization, and Intra-list Similarity, and uses these metrics to compare three simple recommender systems.



10. ADVANTAGES AND DISADVANTAGES:



ADVANTAGES:

1. Easy recommendations make less searches and sometimes end up un good deals
2. User reviews will give accurate information, this is also an advantage if you purchase online as you can see other reviews too, most of the times honest
3. Speed up the process of decision and purchase based on the previous statistics

DISADVANTAGES:

1. If the system recommends products with bias, then customer will be landing into wrong deals.
2. Chances are that some websites may suggest products wrongly based on analysis of little information gathered.

11. CONCLUSION:

A recommendation system is an information service system that connects users and projects: on the one hand, it helps users discover potential projects of interest; on the other hand, it helps project providers to deliver projects to users who are interested in it. The recommendation system is a powerful system that can add value to the company or business. In the future, it will continue to be researched and developed to bring a better experience to users.

Recommender systems are a powerful new technology for extracting additional value for a business from its user databases. These systems help users find items they want to buy from a business. Recommender systems benefit users by enabling them to find items they like. Conversely, they help the business by generating more sales. Recommender systems are rapidly becoming a crucial tool in E-commerce on the Web.

Recommender systems are being stressed by the huge volume of user data in existing corporate databases, and will be stressed even more by the increasing volume of user data available on the Web. New technologies are needed that can dramatically improve the scalability of recommender systems. We presented and experimentally evaluated a new algorithm for CF-based recommender systems. Our results show that item-based techniques hold the promise of allowing CF-based algorithms to scale to large data sets and at the same time produce high-quality recommendations.

12. FUTURE SCOPE:

Recommender systems can be a very powerful tool in a company's arsenal, and future developments are going to increase business value even further. Some of the applications include being able to anticipate seasonal purchases based on recommendations, determine important

purchases, and give better recommendations to customers which can increase retention and brand loyalty. Most businesses will have some use for recommender systems, and I encourage everyone to learn more about this fascinating area.

Chatbots can provide buyers with a great experience across all devices, offering deep insights about the buyer that businesses can use to make personalized offers. Chatbots help people obtain the information they need and solve their problems. A company's credibility and the quality of the customer experience are two essential components of any company wishing to achieve a successful business model. Many well-known companies are now using chatbot powered by artificial intelligence to keep up with the changing world. The technology sector has seen a massive increase in AI development, which has led to the creation of chatbots that can help users easily find the information they need online.

13. APPENDIX:

1. McAuley et al. [1] devised a parametric distance transformation that assigns a lower distance to garment pairings that fit well than to those that do not. And provided Image-based recommendations on styles and substitutes.
2. Hu et al. [2] conducted a preliminary investigation into personalised outfit recommendation. To describe the user-item and item-item interactions, a functional tensor factorization method was presented. They proposed A functional tensor factorization approach.
3. Veit et al. [4] learned feature transformation for a compatibility measure between pairs of objects using a Siamese CNN architecture. All of these works focused solely on the compatibility of two things. Furthermore, they simply modelled broad matching criteria and ignored the issue of personalisation.
4. Thombre in [3] used image segmentation and Kalman filter to realize Human detection and tracking. Orrite-Urunuela proposed a statistical model for detection and tracking of human silhouette and the corresponding 3D skeletal structure in gait sequences [5]. How-Lung [6] provided an outdoor aquatic surveillance system for human motion tracking and detection.

5. Ajmani et al. [7] present a novel method for content-based recommendation of mediach commodities with the use of probabilistic multimedia ontology. Proposed an ontology based personalized garment recommendation system.
6. Li et al. [8] utilized the HMM of recommended items to match customers' model according to customer data. The second method is the collaborative filtering-based recommendations algorithm. Proposed Content-Based Filtering Recommendation Algorithm.
7. For instance, Nogueira et al. [9] presented a new collaborative filtering strategy that utilizes the visual attention to characterize images and alleviate the new item cold-start problem. The rule-based recommendation algorithm is the third method.
8. Hwang et al. [10] put forward a method to generate the automatic rules with the user's items and made a suggestion on the best rule. The fourth method is the utilitybased recommendation. For instance,
9. Scholz et al. [11] found that exponential utility functions are better geared to predicting optimal recommendation ranks for products, and linear utility functions perform much better in estimating customers' willingness.
10. Koenig in [12] developed a system toward real-time human detection and tracking in diverse environments. However, mostly the researchers focus on the point of human detection and tracking in complex scene, while refined contour extraction of human in dynamic scene is still an open question.

GITHUB LINK:

<https://github.com/IBM-EPBL/IBM-Project-54070-1661588718>