app.js

```js
const path = require('path');
const express = require('express');
const morgan = require('morgan');
const rateLimit = require('express-rate-limit');
const helmet = require('helmet');
const mongoSanitize = require('express-mongo-sanitize');
const xss = require('xss-clean');
const hpp = require('hpp');
const cookieParser = require('cookie-parser');
const compression = require('compression');
const cors = require('cors');
const AppError = require('./utils/appError');
const globalErrorHandler = require('./controllers/errorController');
const tourRouter = require('./routers/tourRoutes');
const userRouter = require('./routers/userRoutes');
const reviewRouter = require('./routers/reviewRoutes');
const viewRouter = require('./routers/viewRoutes');
const bookingRouter = require('./routers/bookingRoutes');
const bookingController = require('./controllers/bookingController');
// Start express app
const app = express();

app.set('view engine', 'pug');
app.set('views', path.join(__dirname, 'views'));

// 1) GLOBAL MIDDLEWARES
// Implement CORS
app.use(cors());
app.options('*', cors());
// Access-Control-Allow-Origin *
// api.natours.com
// natour.com
// app.use(cors({
//   origin: 'https://www.natours.com'
// }))
// only put patch delete requests action here and none of other resources
// app.options('/api/v1/tours/:id', cors());
// Serving static files
// app.use(express.static(`${__dirname}/public`));
app.use(express.static(path.join(__dirname, 'public')));
// Set Security HTTP headers
const scriptSrcUrls = [
  'https://unpkg.com/',
  'https://tile.openstreetmap.org',
  'https://cdnjs.cloudflare.com/ajax/libs/axios/1.3.2/axios.min.js',
  'https://js.stripe.com/v3/',
  'https://my-natours.onrender.com/'
];
const styleSrcUrls = [
  'https://unpkg.com/',
  'https://tile.openstreetmap.org',
  'https://fonts.googleapis.com/',
  'https://js.stripe.com/',
  'https://my-natours.onrender.com/'
];
const connectSrcUrls = [
  'https://unpkg.com',
  'https://tile.openstreetmap.org',
  'ws://127.0.0.1:*/',
  'https://js.stripe.com/',
  'https://my-natours.onrender.com/'
];
const fontSrcUrls = ['fonts.googleapis.com', 'fonts.gstatic.com'];
app.use(
  helmet.contentSecurityPolicy({
    directives: {
      defaultSrc: [],
      connectSrc: [
        "'self'",
        'https:',
        'http:',
        'blob:',
        'data:',
        "'unsafe-inline'",
        ...connectSrcUrls
      ],
      scriptSrc: ["'self'", ...scriptSrcUrls],
      styleSrc: ["'self'", 'https:', "'unsafe-inline'", ...styleSrcUrls],
      workerSrc: ["'self'", 'blob:', 'data:'],
      objectSrc: ["'none'"],
      childSrc: [
        "'self'",
        'blob:',
        'https://js.stripe.com/',
        'https://my-natours.onrender.com/'
      ],
      imgSrc: ["'self'", 'blob:', 'data:', 'https:'],
      fontSrc: ["'self'", ...fontSrcUrls],
      formAction: ["'self'"],
      upgradeInsecureRequests: []
    }
  })
);
// Development logging
if (process.env.NODE_ENV === 'development') {
  app.use(morgan('dev'));
}
// Limit requests from same API
// 100 request in one hour
const limiter = rateLimit({
  max: 100,
  windowMs: 60 * 60 * 1000,
  message: 'Too many requests from this IP, please try again in an hour!'
});
app.use('/api', limiter);
// stripe return as a stream not in json, req.body not in json
app.post(
  '/webhook-checkout',
  express.raw({ type: 'application/json' }),
  bookingController.webhookCheckout
);
// Body parser, reading data from body into req.body
app.use(express.json({ limit: '10kb' }));
app.use(express.urlencoded({ extended: true, limit: '10kb' }));
app.use(cookieParser());
// Data sanitization against NoSQL query injection
app.use(mongoSanitize());
// Data sanitization against XSS
app.use(xss());
// Prevent parameter pollution
app.use(
  hpp({
    whitelist: [
      'duration',
      'ratingsAverage',
      'ratingsQuantity',
      'maxGroupSize',
      'difficulty',
      'price'
    ]
  })
);
app.use(compression());
// Test middleware
app.use((req, res, next) => {
  req.requestTime = new Date().toISOString();
  // console.log(req.cookies);
  next();
});
// 3) ROUTES
app.use('/', viewRouter);
app.use('/api/v1/tours', tourRouter);
app.use('/api/v1/users', userRouter);
app.use('/api/v1/reviews', reviewRouter);
app.use('/api/v1/bookings', bookingRouter);
```

```javascript
// *: stands for everything
app.all('*', (req, res, next) => {
  // Express automatically assumes that every argument passed in is an error
  next(new AppError(`Can't find ${req.originalUrl} on this server`, 400));
});

app.use(globalErrorHandler);

// 4) START THE SERVER
module.exports = app;
```

controllers\authController.js

```
const crypto = require('crypto');Ðonst { promisify } = require('util');Ðonst
jwt = require('jsonwebtoken');Ðonst catchAsync = require('../utils/
catchAsync');Ðonst User = require('../models/userModel');Ðonst AppError =
require('../utils/appError');Ðonst Email = require('../utils/email');Ðonst
signToken = id => {Ð return jwt.sign({ id }, process.env.JWT_SECRET, {Ð
expiresIn: process.env.JWT_EXPIRES_IN * 24 * 60 * 60 //Convert to daysÐ });Þ;Ð
const createSendToken = (user, statusCode, req, res) => {Ð const token =
signToken(user._id);Ð //response cookieÐ res.cookie('jwt', token, {Ð
expires: new Date(Ð     Date.now() + process.env.JWT_COOKIE_EXPIRES_IN * 24 *
60 * 60 * 1000 //Convert to millisecondsÐ   ),Ð   httpOnly: true,Ð   secure:
req.secure || req.headers['x-forwarded-proto'] === 'https'Ð });Ð // Remove
password from the outputÐ user.password = undefined;Ð
res.status(statusCode).json({Ð   status: 'success',Ð   token,Ð   data: {Ð
userÐ   }Ð });Þ;Ðxports.signup = catchAsync(async (req, res, next) => {Ð
const newUser = await User.create({Ð   name: req.body.name,Ð   email:
req.body.email,Ð   password: req.body.password,Ð   passwordConfirm:
req.body.passwordConfirm,Ð   role: req.body.roleÐ   // passwordChangeAt:
req.body.passwordChangeAtÐ });Ð const url = `${req.protocol}://
${req.get('host')}/me`;Ð // console.log(url);Ð await new Email(newUser,
url).sendWelcome();Ð createSendToken(newUser, 201, req, res);Þ);Ðxports.login
= catchAsync(async (req, res, next) => {Ð const { email, password } =
req.body;Ð // 1) Check if email and password existÐ if (!email || !password) {Ð
   return next(new AppError('Please provide email and password', 400));Ð }Ð
  // 2) Check if user exists && password is correctÐ const user = await
User.findOne({ email }).select('+password');Ð if (!user) {Ð
console.log('User not found');Ð   return next(new AppError('Incorrect email
or password', 401));Ð }Ð const isPasswordCorrect = await
user.correctPassword(password, user.password);Ð if (!isPasswordCorrect) {Ð
console.log('Password incorrect');Ð   return next(new AppError('Incorrect
email or password', 401));Ð }Ð // 3) If everything is ok, send token to clientÐ
  createSendToken(user, 200, req, res);Þ);Ðxports.logout = (req, res) => {Ð
res.cookie('jwt', 'loggedout', {Ð   expires: new Date(Date.now() + 10 * 1000),Ð
   httpOnly: trueÐ });Ð res.status(200).json({Ð   status: 'success'Ð });Þ;Ð
exports.protect = catchAsync(async (req, res, next) => {Ð // 1) Getting token
and check of it's thereÐ let token;Ð if (Ð   req.headers.authorization &&Ð
req.headers.authorization.startsWith('Bearer')Ð ) {Ð   token =
req.headers.authorization.split(' ')[1];Ð } else if (req.cookies.jwt) {Ð
token = req.cookies.jwt;Ð }Ð if (!token) {Ð   return next(Ð     new
AppError('You are not logged in! Please log in to get access', 401)Ð   );Ð }Ð
  // 2) Verification tokenÐ const decoded = await promisify(jwt.verify)
(token, process.env.JWT_SECRET);Ð // 3) Check if user still existsÐ const
currentUser = await User.findById(decoded.id);Ð if (!currentUser) {Ð   return
next(Ð     new AppError('The user belonging to this token does no longer
exist', 401)Ð   );Ð }Ð // 4) Check if user changed password after the JWT was
issuedÐ if (currentUser.changePasswordAfter(decoded.iat)) {Ð   return next(Ð
    new AppError('User recently changed password! Please log in again', 401)Ð
   );Ð }Ð // GRANT ACCESS TO PROTECTED ROUTEÐ req.user = currentUser;Ð
res.locals.user = currentUser;Ð next();Þ);Ð/ Only for rendered pages, no
errors!Ðxports.isLoggedIn = async (req, res, next) => {Ð if (req.cookies.jwt)
{Ð   try {Ð     // 1) Verify tokenÐ     const decoded = await
promisify(jwt.verify)(Ð       req.cookies.jwt,Ð       process.env.JWT_SECRETÐ
     );Ð     // 2) Check if user still existsÐ     const currentUser = await
User.findById(decoded.id);Ð     if (!currentUser) {Ð       return next();Ð
     }Ð     // 4) Check if user changed password after the JWT was issuedÐ
     if (currentUser.changePasswordAfter(decoded.iat)) {Ð       return
next();Ð     }Ð     // THERE IS A LOGGED IN USERÐ     // parsing data to the
templateÐ     res.locals.user = currentUser;Ð     return next();Ð   } catch
(err) {Ð     return next();Ð   }Ð }Ð next();Þ;Ðxports.restrictTo = (...roles)
=> {Ð
```

```
    return (req, res, next) => {Ð   // roles ['admin', 'lead-guide]. roles
= 'user'Ð   if (!roles.includes(req.user.role)) {Ð      return next(Ð
new AppError('You do not have permission to perform this action', 403)Ð      );Ð
    }Ð   next();Ð };Ð};Ðexports.forgotPassword = catchAsync(async (req, res,
next) => {Ð // 1) Get user based on POSTED emailÐ const user = await
User.findOne({ email: req.body.email });Ð if (!user) {Ð   return next(new
AppError('There is no user with email address', 404));Ð }Ð // 2) Generate the
random reset tokenÐ const resetToken = user.createPasswordResetToken();Ð
await user.save({ validateBeforeSave: false });Ð // 3) Send it to user's emailÐ
  try {Ð    const resetURL = `${req.protocol}://${req.get(Ð      'host'Ð   )}/
api/v1/users/resetPassword/${resetToken}`;Ð    await new Email(user,
resetURL).sendPassWordReset();Ð    res.status(200).json({Ð      status:
'success',Ð      message: 'Token sent to email!'Ð    });Ð } catch (err) {Ð
    user.passwordResetToken = undefined;Ð    user.passwordResetExpires = undefined;Ð
    await user.save({ validateBeforeSave: false });Ð    return next(Ð      new
AppError(Ð        'There was an error sending the email. Try again later!',Ð
      500Ð      )Ð    );Ð }Ð});Ðexports.resetPassword = catchAsync(async (req,
res, next) => {Ð // 1) Get user based on the tokenÐ const hashedToken = cryptoÐ
    .createHash('sha256')Ð    .update(req.params.token)Ð    .digest('hex');Ð
const user = await User.findOne({Ð   passwordResetToken: hashedToken,Ð
passwordResetExpires: { $gt: Date.now() }Ð });Ð // 2) If token has not
expired, and there is user, set the new passwordÐ if (!user) {Ð    return
next(new AppError('Token is invalid or has expired', 400));Ð }Ð user.password
= req.body.password;Ð user.passwordConfirm = req.body.passwordConfirm;Ð
user.passwordResetToken = undefined;Ð user.passwordResetExpires = undefined;Ð
await user.save();Ð // 3) Update changePasswordAt property for the user
(solve in userModel)Ð // 4) Log the user in, send JWTÐ createSendToken(user,
200, req, res);Ð});Ðexports.updatePassword = catchAsync(async (req, res, next)
=> {Ð // 1) Get user from collectionÐ const user = await
User.findById(req.user.id).select('+password');Ð // 2) Check if POSTed
current password is correctÐ if (!(await
user.correctPassword(req.body.passwordCurrent, user.password))) {Ð   return
next(new AppError('Your current password is wrong', 401));Ð }Ð // 3) If so,
update passwordÐ user.password = req.body.password;Ð user.passwordConfirm =
req.body.passwordConfirm;Ð // password never use update because the validate
in password won't work anymore and also the middleware pre save, which we
gonna need later to encrypt and verify the passwordÐ await user.save();Ð //
User.findByIdAndUpdate will NOT work as intended!Ð // 4) Log user in, send JWTÐ
  createSendToken(user, 200, req, res);Ð});Ð
```

controllers\bookingController.js

```javascript
const stripe = require('stripe')(process.env.STRIPE_SECRET_KEY);
const Tour = require('../models/tourModel');
const User = require('../models/userModel');
const Booking = require('../models/bookingModel');
const catchAsync = require('../utils/catchAsync');
const factory = require('./handlerFactory');
// const AppError = require('../utils/appError');

exports.getCheckoutSession = catchAsync(async (req, res, next) => {
  // 1) Get the currently booked tour
  const tour = await Tour.findById(req.params.tourId);

  const transformedItems = [
    {
      quantity: 1,
      price_data: {
        currency: 'usd',
        unit_amount: tour.price * 100,
        product_data: {
          name: `${tour.name} Tour`,
          description: tour.description, //description here
          images: [`${req.protocol}://${req.get('host')}/${tour.imageCover}`] //only accepts live images (images hosted on the internet),
        }
      }
    }
  ];

  // 2) Create a checkout session
  const session = await stripe.checkout.sessions.create({
    payment_method_types: ['card'],
    // success_url: `${req.protocol}://${req.get('host')}/?tour=${
    //   req.params.tourId
    // }&user=${req.user.id}&price=${tour.price}`,
    success_url: `${req.protocol}://${req.get('host')}/my-tours?alert=booking`,
    cancel_url: `${req.protocol}://${req.get('host')}/tour/${tour.slug}`,
    customer_email: req.user.email,
    client_reference_id: req.params.tourId,
    line_items: transformedItems,
    mode: 'payment'
  });

  // 3) Create session as response
  res.status(200).json({
    status: 'success',
    session
  });
});

// exports.createBookingCheckout = catchAsync(async (req, res, next) => {
//   // This in only TEMPORARY, beacause it's UNSECURE: everyone can make bookings without paying
//   const { tour, user, price } = req.query;
//   if (!tour && !user && !price) return next();
//   await Booking.create({ tour, user, price });
//   // Create a new req to our root url
//   res.redirect(req.originalUrl.split('?')[0]);
// });

const createBookingCheckout = async session => {
  const tour = session.client_reference_id;
  const user = (await User.findOne({ email: session.customer_email })).id;
  const { price } = await Tour.findOne({ _id: session.client_reference_id });
  await Booking.create({ tour, user, price });
};

exports.webhookCheckout = (req, res, next) => {
  const signature = req.headers['stripe-signature'];
  let event;
  try {
    event = stripe.webhooks.constructEvent(
      req.body,
      signature,
      process.env.STRIPE_WEBHOOK_SECRET
    );
  } catch (err) {
    return res.status(400).send(`Websocket error: ${err.message}`);
  }
  if (event.type === 'checkout.session.completed') {
    createBookingCheckout(event.data.object);
  }
  res.status(200).json({ received: true });
};

exports.getAllBookings = factory.getAll(Booking);
exports.getBooking = factory.getOne(Booking);
exports.createBooking = factory.createOne(Booking);
exports.updateBooking = factory.updateOne(Booking);
exports.deleteBooking = factory.deleteOne(Booking);
```

controllers\errorController.js

```javascript
const AppError = require('../utils/appError');

const handleCastErrorDB = err => {
  const message = `Invalid ${err.path}: ${err.value}.`;
  return new AppError(message, 400);
};

const handleDuplicateFieldsDB = err => {
  const value = err.keyValue.name;
  const message = `Duplicate field value: ${value}. Please use another value!`;
  return new AppError(message, 400);
};

const handleValidationErrorDB = err => {
  const errors = Object.values(err.errors).map(el => el.message);
  const message = `Invalid input data. ${errors.join('. ')}`;
  return new AppError(message, 400);
};

const handleJWTError = () =>
  new AppError('Invalid token. Please log in again', 401);

const handleJWTExpiredError = () =>
  new AppError('Your token has expired! Please log in again', 401);

const sendErrorDev = (err, req, res) => {
  // A) API
  if (req.originalUrl.startsWith('/api')) {
    return res.status(err.statusCode).json({
      status: err.status,
      error: err,
      message: err.message,
      stack: err.stack
    });
  }

  // B) RENDERED WEBSITE
  console.error('ERROR 💥', err);
  return res.status(err.statusCode).render('error', {
    title: 'Something went wrong',
    msg: err.message
  });
};

const sendErrorProd = (err, req, res) => {
  // a) API
  if (req.originalUrl.startsWith('/api')) {
    // A) Operational, trusted error: send message to client
    if (err.isOperational) {
      return res.status(err.statusCode).json({
        status: err.status,
        message: err.message
      });
    }
    // B) Programming or other unknown error: don't leak error details
    // 1) Log error
    console.error('ERROR 💥', err);
    // 2) Send generic message
    return res.status(500).json({
      status: 'error',
      message: 'Something went very wrong'
    });
  }
  // b) RENDERED WEBSITE
  // A) Operational, trusted error: send message to client
  if (err.isOperational) {
    // console.log(err);
    return res.status(err.statusCode).render('error', {
      title: 'Something went wrong',
      msg: err.message
    });
  }
  // B) Programming or other unknown error: don't leak error details
  // 1) Log error
  console.error('ERROR 💥', err);
  // 2) Send generic message
  return res.status(err.statusCode).render('error', {
    title: 'Something went wrong',
    msg: 'Please try again later.'
  });
};

module.exports = (err, req, res, next) => {
  // console.log(err.stack);
  err.statusCode = err.statusCode || 500;
  err.status = err.status || 'error';
  if (process.env.NODE_ENV === 'development') {
    sendErrorDev(err, req, res);
  } else if (process.env.NODE_ENV === 'production') {
    let error = JSON.parse(JSON.stringify(err));
    error.message = err.message;

    if (error.name === 'CastError') error = handleCastErrorDB(error);
    if (error.code === 11000) error = handleDuplicateFieldsDB(error);
    if (error.name === 'ValidationError')
      error = handleValidationErrorDB(error);
    if (error.name === 'JsonWebTokenError') error = handleJWTError();
    if (error.name === 'TokenExpiredError') error = handleJWTExpiredError();
    sendErrorProd(error, req, res);
  }
};
```

controllers\handlerFactory.js

```
const catchAsync = require('../utils/catchAsync');Ðonst AppError =
require('../utils/appError');Ðonst APIFeatures = require('../utils/
apiFeatures');Ðxports.deleteOne = Model =>Ð catchAsync(async (req, res, next)
=> {Ð   const tour = await Model.findByIdAndDelete(req.params.id);Ð   if (!
tour) {Ð     return next(new AppError('No document found with that id', 404));Ð
    }Ð   res.status(204).json({Ð     status: 'success',Ð     data: nullÐ   });Ð
  });Ðxports.updateOne = Model =>Ð catchAsync(async (req, res, next) => {Ð
const doc = await Model.findByIdAndUpdate(req.params.id, req.body, {Ð
new: true,Ð     runValidators: trueÐ   });Ð   if (!doc) {Ð     return
next(new AppError('No document found with that id', 404));Ð   }Ð
res.status(200).json({Ð     status: 'success',Ð     data: { data: doc }Ð   });Ð
  });Ðxports.createOne = Model =>Ð catchAsync(async (req, res, next) => {Ð
const doc = await Model.create(req.body);Ð   res.status(201).json({Ð
status: 'success',Ð     data: {Ð       data: docÐ     }Ð   });Ð });Ð
exports.getOne = (Model, popOptions) =>Ð catchAsync(async (req, res, next) =>
{Ð   let query = Model.findById(req.params.id);Ð   if (popOptions) query =
query.populate(popOptions);Ð   const doc = await query;Ð   //
Tour.findOne({ _id: req.params.id })Ð   if (!doc) {Ð     return next(new
AppError('No document found with that id', 404));Ð   }Ð
res.status(200).json({Ð     status: 'success',Ð     data: { data: doc }Ð   });Ð
  });Ðxports.getAll = Model =>Ð catchAsync(async (req, res, next) => {Ð   //
To allow for nested GET reviews on tour (hack)Ð   let filter = {};Ð   if
(req.params.tourId) filter = { tour: req.params.tourId };Ð   // EXECUTE QUERYÐ
    const features = new APIFeatures(Model.find(filter), req.query)Ð
 .filter()Ð     .sort()Ð     .limitFields()Ð     .paginate();Ð   //
const doc = await features.query.explain();Ð   const doc = await
features.query;Ð   // query.sort().select().skip().limit()Ð   // SEND RESPONSEÐ
    res.status(200).json({Ð     status: 'success',Ð     results: doc.length,Ð
   data: { data: doc }Ð   });Ð });Ð
```

controllers\reviewController.js

```
const Review = require('../models/reviewModel');// const catchAsync =
require('../utils/catchAsync');// const AppError = require('../utils/
appError');const factory = require('./handlerFactory');exports.setTourUserIds
= (req, res, next) => { // Allow nested routes if (!req.body.tour)
req.body.tour = req.params.tourId; // pass restrictTo if (!req.body.user)
req.body.user = req.user.id; next();};exports.getAllReviews =
factory.getAll(Review);exports.getReview = factory.getOne(Review);
exports.createReview = factory.createOne(Review);exports.deleteReview =
factory.deleteOne(Review);// exports.deleteReview = catchAsync(async (req,
res, next) => {//   await Review.findByIdAndDelete(req.params.id);//
res.status(204).json({//     status: 'success',//     data: null//   });// });
exports.updateReview = factory.updateOne(Review);
```

controllers\tourController.js

```
const multer = require('multer');Ðonst sharp = require('sharp');Ðonst Tour =
require('./../models/tourModel');Ðonst catchAsync = require('./../utils/
catchAsync');Ðonst factory = require('./handlerFactory');Ðonst AppError =
require('./../utils/appError');Ðonst multerStorage = multer.memoryStorage();Ð
const multerFilter = (req, file, cb) => {Ð if
(file.mimetype.startsWith('image')) {Ð   cb(null, true);Ð } else {Ð   cb(new
AppError('Not an image! Please upload only images.', 400), false);Ð }Þ;Ðonst
upload = multer({Ð storage: multerStorage,Ð fileFilter: multerFilter});Ð
exports.uploadTourImages = upload.fields([Ð { name: 'imageCover', maxCount:
1 },Ð { name: 'images', maxCount: 3 }Þ);Þ/ upload.single('image') req.fileÞ/
upload.array('images', 5) req.filesÐxports.resizeTourImages =
catchAsync(async (req, res, next) => {Ð if (!req.files.imageCover || !
req.files.images) return next();Ð // 1) Cover imageÐ req.body.imageCover =
`tour-${req.params.id}-${Date.now()}-cover.jpeg`;Ð await
sharp(req.files.imageCover[0].buffer)Ð   .resize(2000, 1333)Ð
   .toFormat('jpeg')Ð   .jpeg({ quality: 90 })Ð   .toFile(`public/img/tours/
${req.body.imageCover}`);Ð // 2) ImagesÐ req.body.images = [];Ð await
Promise.all(Ð   // when use async function in map it will return a promise
automatically so Promise.all to wait until it finishÐ
req.files.images.map(async (file, i) => {Ð     const filename = `tour-
${req.params.id}-${Date.now()}-${i + 1}.jpeg`;Ð     await sharp(file.buffer)Ð
     .resize(2000, 1333)Ð       .toFormat('jpeg')Ð       .jpeg({ quality:
90 })Ð       .toFile(`public/img/tours/${filename}`);Ð
req.body.images.push(filename);Ð   })Ð );Ð next();Þ);Ðxports.aliasTopTours =
(req, res, next) => {Ð req.query.limit = '5';Ð req.query.sort = '-
ratingsAverage,price';Ð req.query.fields =
'name,price,ratingsAverage,summary,difficulty';Ð next();Þ;Ðxports.getAllTours
= factory.getAll(Tour);Ðxports.getTour = factory.getOne(Tour, { path:
'reviews' });Ðxports.createTour = factory.createOne(Tour);Ðxports.updateTour
= factory.updateOne(Tour);Ðxports.deleteTour = factory.deleteOne(Tour);Ð
exports.getTourStats = catchAsync(async (req, res, next) => {Ð const stats =
await Tour.aggregate([Ð   {Ð     $match: { ratingsAverage: { $gte: 4.5 } }Ð
  },Ð   {Ð     $group: {Ð       _id: { $toUpper: '$difficulty' },Ð
numTours: { $sum: 1 },Ð       numRatings: { $sum: '$ratingsQuantity' },Ð
     avgRating: { $avg: '$ratingsAverage' },Ð       avgPrice: { $avg:
'$price' },Ð       minPrice: { $min: '$price' },Ð       maxPrice: { $max:
'$price' }Ð     }Ð   },Ð   {Ð     $sort: { avgPrice: 1 }Ð   }Ð   // {Ð   //
$match: { _id: { $ne: 'EASY' } }Ð   // }Ð ]);Ð res.status(200).json({Ð
status: 'success',Ð   data: {Ð     statsÐ   }Ð });Þ);Ðxports.getMonthlyPlan =
catchAsync(async (req, res, next) => {Ð const year = req.params.year * 1; //
2021Ð const plan = await Tour.aggregate([Ð   {Ð     $unwind: '$startDates'Ð
  },Ð   {Ð     $match: {Ð       startDates: {Ð         $gte: new
Date(`${year}-01-01`),Ð         $lte: new Date(`${year}-12-31`)Ð       }Ð
   }Ð   },Ð   {Ð     $group: {Ð       _id: { $month: '$startDates' },Ð
     numTourStarts: { $sum: 1 },Ð       tours: { $push: '$name' }Ð     }Ð
  },Ð   {Ð     $addFields: { month: '$_id' }Ð   },Ð   {Ð     $project: {Ð
     _id: 0Ð     }Ð   },Ð   {Ð     $sort: { numTourStarts: -1 }Ð   },Ð   {Ð
   $limit: 12Ð   }Ð ]);Ð res.status(200).json({Ð   status: 'success',Ð
data: {Ð     planÐ   }Ð });Þ);Þ/ /tours-within/:distance/center/:latlng/
unit/:unitÞ/ /tours-within/233/center/34.111745,-118.113491/unit/miÐ
exports.getToursWithin = catchAsync(async (req, res, next) => {Ð const
{ distance, latlng, unit } = req.params;Ð const [lat, lng] =
latlng.split(',');Ð const radius = unit === 'mi' ? distance / 3963.2 :
distance / 6378.1;Ð if (!lat || !lng) {Ð   next(Ð     new AppError(Ð
'Please provide latitutr and longitude in the format lat,lng.',Ð       400Ð
   )Ð   );Ð }Ð const tours = await Tour.find({Ð   startLocation:
{ $geoWithin: { $centerSphere: [[lng, lat], radius] } }Ð });Ð
res.status(200).json({Ð   status: 'success',Ð   results: tours.length,Ð
data: {Ð
```

```
          data: toursÐ    }Ð });Ð});Ðexports.getDistances = catchAsync(async
(req, res, next) => {Ð const { latlng, unit } = req.params;Ð const [lat, lng]
= latlng.split(',');Ð const multiplier = unit === 'mi' ? 0.000621371 : 0.001;Ð
  if (!lat || !lng) {Ð    next(Ð      new AppError(Ð        'Please provide
latitutr and longitude in the format lat,lng.',Ð        400Ð      )Ð    );Ð }Ð
const distances = await Tour.aggregate([Ð    {Ð      $geoNear: {Ð        near: {Ð
         type: 'Point',Ð          coordinates: [lng * 1, lat * 1]Ð        },Ð
      distanceField: 'distance',Ð        distanceMultiplier: multiplierÐ
    }Ð    },Ð    {Ð      $project: {Ð        distance: 1,Ð        name: 1Ð      }Ð
   }Ð ]);Ð res.status(200).json({Ð   status: 'success',Ð   data: {Ð
data: distancesÐ    }Ð });Ð});Ð
```

controllers\userController.js

```
const multer = require('multer');Ðonst sharp = require('sharp');Ðonst User =
require('../models/userModel');Ðonst catchAsync = require('../utils/
catchAsync');Ðonst AppError = require('../utils/appError');Ðonst factory =
require('./handlerFactory');Ð// const multerStorage = multer.diskStorage({Ð//
destination: (req, file, cb) => {Ð//    cb(null, 'public/img/users');Ð//   },Ð
//   filename: (req, file, cb) => {Ð//      const ext = file.mimetype.split('/')
[1];Ð//     cb(null, `user-${req.user.id}-${Date.now()}.${ext}`);Ð//   }Ð// });Ð
const multerStorage = multer.memoryStorage();Ðonst multerFilter = (req, file,
cb) => {Ð if (file.mimetype.startsWith('image')) {Ð   cb(null, true);Ð } else
{Ð   cb(new AppError('Not an image! Please upload only images', 400), false);Ð
  }Ð;Ðonst upload = multer({Ð storage: multerStorage,Ð fileFilter:
multerFilter});Ðxports.uploadUserPhoto = upload.single('photo');Ð
exports.resizeUserPhoto = catchAsync(async (req, res, next) => {Ð if (!
req.file) return next();Ð req.file.filename = `user-${req.user.id}-
${Date.now()}.jpeg`;Ð await sharp(req.file.buffer)Ð   .resize(500, 500)Ð
    .toFormat('jpeg')Ð   .jpeg({ quality: 90 })Ð   .toFile(`public/img/users/
${req.file.filename}`);Ð next();Ð);Ðonst filterObj = (obj, ...allowedFields)
=> {Ð // Object.keys loop qua object cua jsonÐ // const newObj = {};Ð //
Object.keys(obj).forEach(el => {Ð //   if (allowedFields.includes(el)) {Ð
  //     newObj[el] = obj[el];Ð //   }Ð // });Ð // return newObj;Ð return
Object.keys(obj).reduce((acc, el) => {Ð   if (allowedFields.includes(el)) {Ð
    acc[el] = obj[el];Ð   }Ð   return acc;Ð }, {});Ð;Ðxports.getMe = (req,
res, next) => {Ð req.params.id = req.user.id;Ð next();Ð;Ðxports.updateMe =
catchAsync(async (req, res, next) => {Ð // 1) Create error if user POSTs
password dataÐ if (req.body.password || req.body.passwordConfirm) {Ð   return
next(Ð     new AppError(Ð       'This route is not for password updates.
Please use /updateMyPassword',Ð       400Ð     )Ð   );Ð }Ð // 2) Filtered out
unwanted fields names that are not allowed to be updatedÐ // body.role  =
'admin';Ð const filteredBody = filterObj(req.body, 'name', 'email');Ð if
(req.file) filteredBody.photo = req.file.filename;Ð // 3) Update user documentÐ
  const updatedUser = await User.findByIdAndUpdate(req.user.id, filteredBody,
{Ð   new: true,Ð   runValidators: trueÐ });Ð res.status(200).json({Ð
status: 'success',Ð   data: {Ð     user: updatedUserÐ   }Ð });Ð);Ð
exports.deleteMe = catchAsync(async (req, res, next) => {Ð await
User.findByIdAndUpdate(req.user.id, { active: false });Ð
res.status(204).json({Ð   status: 'success',Ð   data: nullÐ });Ð);Ð
exports.getAllUsers = factory.getAll(User);Ðxports.getUser =
factory.getOne(User);Ðxports.createUser = (req, res) => {Ð
res.status(500).json({Ð   status: 'error',Ð   message: 'This route is not yet
defined! Please use /signup instead.'Ð });Ð;Ð// Do NOT update password with
thisÐxports.updateUser = factory.updateOne(User);Ðxports.deleteUser =
factory.deleteOne(User);Ð
```

controllers\viewController.js

```
const Tour = require('../models/tourModel');
const User = require('../models/userModel');
const Booking = require('../models/bookingModel');
const catchAsync = require('../utils/catchAsync');
const AppError = require('../utils/appError');

exports.alerts = (req, res, next) => {
  const { alert } = req.query;
  if (alert === 'booking')
    res.locals.alert =
      "Your booking was successfully please check your email for a confirmation, If your booking doesn't show up here immediately, please come back later. ";
  next();
};

exports.getOverview = catchAsync(async (req, res, next) => {
  // 1) Get tour data from collection
  const tours = await Tour.find();
  // 2) Build template
  // 3) Render that template using data from data 1)
  res.status(200).render('overview', {
    title: 'All Tours',
    tours
  });
});

exports.getTour = catchAsync(async (req, res, next) => {
  // 1) get the data, for the requested tour (reviews and guides)
  const tour = await Tour.findOne({ slug: req.params.slug }).populate({
    path: 'reviews',
    fields: 'review rating user'
  });
  if (!tour) {
    return next(new AppError('There is no tour with that name', 404));
  }
  // 2) Build template
  // 3) Render template using data from 1
  res.status(200).render('tour', {
    title: `${tour.name} Tour`,
    tour
  });
});

exports.getLoginForm = (req, res) => {
  res.status(200).render('login', {
    title: 'Log into your account'
  });
};

exports.getAccount = (req, res) => {
  res.status(200).render('account', {
    title: 'Your account'
  });
};

exports.getMyTours = catchAsync(async (req, res, next) => {
  // 1) Find all bookings
  const bookings = await Booking.find({ user: req.user.id });
  // 2) Find tours with the return IDs
  // get all tourId through array of bookings
  const tourIDs = bookings.map(el => el.tour);
  // select all the tour which have an id in tourIDs array
  const tours = await Tour.find({ _id: { $in: tourIDs } });
  res.status(200).render('overview', {
    title: 'My tours',
    tours
  });
});

exports.updateUserData = catchAsync(async (req, res, next) => {
  const updatedUser = await User.findByIdAndUpdate(
    req.user.id,
    {
      name: req.body.name,
      email: req.body.email
    },
    {
      new: true,
      runValidators: true
    }
  );
  res.status(200).render('account', {
    title: 'Your account',
    user: updatedUser
  });
});
```

dev-data\data\import-dev-data.js

```js
const mongoose = require('mongoose');
const dotenv = require('dotenv');
const fs = require('fs');
const Tour = require('./../../models/tourModel');
const Review = require('./../../models/reviewModel');
const User = require('./../../models/userModel');

dotenv.config({ path: './config.env' });

const DB = process.env.DATABASE.replace(
  '<PASSWORD>',
  process.env.DATABASE_PASSWORD
);

mongoose.set('strictQuery', false);
mongoose
  .connect(DB, {
    useNewUrlParser: true,
    useUnifiedTopology: true
  })
  .then(() => console.log('DB connection successful!'));

// READ JSON FILE
const tours = JSON.parse(fs.readFileSync(`${__dirname}/tours.json`, 'utf-8'));
const users = JSON.parse(fs.readFileSync(`${__dirname}/users.json`, 'utf-8'));
const reviews = JSON.parse(
  fs.readFileSync(`${__dirname}/reviews.json`, 'utf-8')
);

// IMPORT DATA INTO DB
const importData = async () => {
  try {
    await Tour.create(tours);
    await User.create(users, { validateBeforeSave: false });
    await Review.create(reviews);
    console.log('Data successfully loaded!');
  } catch (err) {
    console.log(err);
  }
  process.exit();
};

// DELETE ALL DATA FROM DB
const deleteData = async () => {
  try {
    await Tour.deleteMany();
    await User.deleteMany();
    await Review.deleteMany();
    console.log('Data successfully deleted!');
  } catch (err) {
    console.log(err);
  }
  process.exit();
};

if (process.argv[2] === '--import') {
  importData();
} else if (process.argv[2] === '--delete') {
  deleteData();
}
```

dev-data\data\reset-user-passwords.js

```js
const mongoose = require('mongoose');
const dotenv = require('dotenv');
const bcrypt = require('bcryptjs');
const User = require('./../../models/userModel');

dotenv.config({ path: './config.env' });
const DB = process.env.DATABASE.replace(
  '<PASSWORD>',
  process.env.DATABASE_PASSWORD
);

mongoose.set('strictQuery', false);
mongoose
  .connect(DB, {
    useNewUrlParser: true,
    useUnifiedTopology: true
  })
  .then(() => console.log('DB connection successful!'));

const resetPasswords = async () => {
  try {
    const users = await User.find();
    const newPassword = 'test1234'; // You can change this to any default password you want
    const resetPromises = users.map(async user => {
      // Hash the password with cost of 12
      const hashedPassword = await bcrypt.hash(newPassword, 12);
      // Update the user's password directly in the database
      await User.findByIdAndUpdate(user._id, {
        password: hashedPassword,
        passwordConfirm: undefined // Remove passwordConfirm field
      });
      console.log(`Password reset for user: ${user.email}`);
    });
    await Promise.all(resetPromises);
    console.log('All user passwords have been reset successfully!');
  } catch (err) {
    console.error('Error resetting passwords:', err);
  } finally {
    mongoose.connection.close();
  }
};

resetPasswords();
```

dev-data\data\tour5.js

```js
/* eslint-disable */
const tour5 = {
  id: 5,
  name: 'The Sports Lover',
  startLocation: 'California, USA',
  nextStartDate: 'July 2021',
  duration: 14,
  maxGroupSize: 8,
  difficulty: 'difficult',
  avgRating: 4.7,
  numReviews: 23,
  regPrice: 2997,
  shortDescription:
    'Surfing, skating, parajumping, rock climbing and more, all in one tour',
  longDescription:
    'Nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. \nVoluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur!'
};
```

models\bookingModel.js

```
const mongoose = require('mongoose');
const bookingSchema = mongoose.Schema({
  tour: {
    type: mongoose.Schema.ObjectId,
    ref: 'Tour',
    required: [true, 'Booking must belong to a Tour!']
  },
  user: {
    type: mongoose.Schema.ObjectId,
    ref: 'User',
    required: [true, 'Booking must belong to a User!']
  },
  price: {
    type: Number,
    required: [true, 'Booking must have a price.']
  },
  createdAt: {
    type: Date,
    default: Date.now()
  },
  paid: {
    type: Boolean,
    default: true
  }
});
bookingSchema.pre(/^find/, function(next) {
  this.populate('user').populate({
    path: 'tour',
    select: 'name'
  });
  next();
});
const Booking = mongoose.model('Booking', bookingSchema);
module.exports = Booking;
```

models\reviewModel.js

```
// review / rating / createdAt / ref to tour / ref to userconst mongoose =
require('mongoose');const Tour = require('./tourModel');const reviewSchema =
new mongoose.Schema( {   review: {     type: 'String',     required:
[true, 'Review can not be empty!']   },   rating: {     type: Number,
min: 1,     max: 5   },   tour: {     type: mongoose.Schema.ObjectId,
   ref: 'Tour',     required: [true, 'Review must belong to a tour.']
 },   user: {     type: mongoose.Schema.ObjectId,     ref: 'User',
required: [true, 'Review must belong to a user.']   } }, {   timestamps:
{ createdAt: true, updatedAt: false },   toJSON: { virtuals: true },
toObject: { virtuals: true } });reviewSchema.index({ tour: 1, user: 1 },
{ unique: true });reviewSchema.pre(/^find/, function(next) { //
this.populate({ //   path: 'tour', //   select: 'name' // }).populate({
 //   path: 'user', //   select: 'name photo' // }); this.populate({
path: 'user',   select: 'name photo' }); next();});
reviewSchema.statics.calcAverageRatings = async function(tourId) { // this
point to current model const stats = await this.aggregate([   {
$match: { tour: tourId }   },   {     $group: {       _id: '$tour',
     nRating: { $sum: 1 },       avgRating: { $avg: '$rating' }     }
 } ]); // console.log(stats); if (stats.length > 0) {   await
Tour.findByIdAndUpdate(tourId, {     ratingsQuantity: stats[0].nRating,
ratingsAverage: stats[0].avgRating   }); } else {   await
Tour.findByIdAndUpdate(tourId, {     ratingsQuantity: 0,
ratingsAverage: 4.5   }); }};// post m Ûi save vào còn pre là ch    6 fR n ò
nên ch    F† ò N 2 aí¶' gVæ7F–öâ 7F F⁄7post this.constructor tra ve model
reviewSchema.post('save', function() { // this points to current review //
this.constructor points to model
this.constructor.calcAverageRatings(this.tour);});// findByIdAndUpdate//
findByIdAndDeletereviewSchema.pre(/^findOneAnd/, async function(next) {
this.review = await this.findOne(); // console.log(this.review); next();});
reviewSchema.post(/^findOneAnd/, async function() { // await this.findOne
DOES NOT work here, query has already executed // this.review is review
document // this.review.constructor is review Model await
this.review.constructor.calcAverageRatings(this.review.tour);});const Review
= mongoose.model('Review', reviewSchema);module.exports = Review;
```

models\tourModel.js

```javascript
const mongoose = require('mongoose');
const slugify = require('slugify');
// const validator = require('validator');
// const User = require('./userModel');

const tourSchema = new mongoose.Schema(
  {
    name: {
      type: String,
      required: [true, 'A tour must have a name'],
      unique: true,
      trim: true,
      maxlength: [40, 'A tour name must have less or equal than 40 characters'],
      minlength: [10, 'A tour name must have more or equal then 10 characters']
      // validate: [validator.isAlpha, 'Tour name must only contains characters']
    },
    slug: String,
    duration: {
      type: Number,
      required: [true, 'A tour must have a duration']
    },
    maxGroupSize: {
      type: Number,
      required: [true, 'A tour must have a group size']
    },
    difficulty: {
      type: String,
      required: [true, 'A tour must have a difficulty'],
      enum: {
        values: ['easy', 'medium', 'difficult'],
        message: 'Difficulty is either: easy, medium, difficult'
      }
    },
    ratingsAverage: {
      type: Number,
      default: 4.5,
      min: [1, 'Rating must be above 1.0'],
      max: [5, 'Rating must be below 5.0'],
      set: val => Math.round(val * 10) / 10
    },
    ratingsQuantity: {
      type: Number,
      default: 0
    },
    price: {
      type: Number,
      required: [true, 'A tour must have a price']
    },
    priceDiscount: {
      type: Number,
      validate: {
        validator: function(val) {
          // this only points to current doc on NEW document creation
          return val < this.price; // 100 < 200
        },
        message: 'Discount price ({VALUE}) should be below regular price'
      }
    },
    summary: {
      type: String,
      trim: true,
      required: [true, 'A tour must have a description']
    },
    description: {
      type: String,
      trim: true
    },
    imageCover: {
      type: String,
      required: [true, 'A tour must have a cover image']
    },
    images: [String],
    createdAt: {
      type: Date,
      default: Date.now(),
      select: false
    },
    startDates: [Date],
    secretTour: {
      type: Boolean,
      default: false
    },
    startLocation: {
      // GeoJSON
      type: {
        type: String,
        default: 'Point',
        enum: ['Point']
      },
      coordinates: [Number],
      address: String,
      description: String
    },
    locations: [
      {
        type: {
          type: String,
          default: 'Point',
          enum: ['Point']
        },
        coordinates: [Number],
        address: String,
        description: String,
        day: Number
      }
    ],
    guides: [
      {
        type: mongoose.Schema.ObjectId,
        ref: 'User'
      }
    ]
  },
  {
    toJSON: { virtuals: true },
    toObject: { virtuals: true }
  }
);

// 1: sort by asc order, -1 desc order
// tourSchema.index({ price: 1 });
tourSchema.index({ price: 1, ratingsAverage: -1 });
tourSchema.index({ slug: 1 });
tourSchema.index({ startLocation: '2dsphere' });

tourSchema.virtual('durationWeeks').get(function() {
  return this.duration / 7;
});

// Virtual populate
tourSchema.virtual('reviews', {
  ref: 'Review',
  foreignField: 'tour',
  localField: '_id'
});

// DOCUMENT MIDDLEWARE: runs before .save() and .create()
tourSchema.pre('save', function(next) {
  // console.log(this);
  this.slug = slugify(this.name, { lower: true });
  next();
});

// tourSchema.pre('save', async function(next) {
//   const guidesPromises = this.guides.map(async id => await User.findById(id));
//   this.guides = await Promise.all(guidesPromises);
//   next();
// });

// tourSchema.pre('save', function(next) {
//   console.log('Will save document');
//   next();
// });

// tourSchema.post('save', function(doc, next) {
//   console.log(doc);
//   next();
// });

// QUERY MIDDLEWARE
tourSchema.pre(/^find/, function(next) {
  // tourSchema.pre('find', function(next) {
  // this = query object
  this.find({ secretTour: { $ne: true } });
  this.start = Date.now();
  next();
});

tourSchema.pre(/^find/, function(next) {
  this.populate({
    path: 'guides',
    select: '-__v -passwordChangeAt'
  });
  next();
});

// tourSchema.post(/^find/, function(docs, next) {
//   console.log(`Query took: ${Date.now() - this.start} milliseconds`);
//   next();
// });

// AGGREGATION MIDDLEWARE
tourSchema.pre('aggregate', function(next) {
  this.pipeline().push({ $match: { secretTour: { $ne: true } } });
  console.log(this.pipeline());
```

```
                                                  next();});const Tour = mongoose.model('Tour',
tourSchema);module.exports = Tour;Ð
```

models\userModel.js

```javascript
const crypto = require('crypto');
const mongoose = require('mongoose');
const validator = require('validator');
const bcrypt = require('bcryptjs');
// name, email, photo, password, passwordConfirm
const userSchema = mongoose.Schema({
  name: {
    type: String,
    required: [true, 'Please tell us your name!']
  },
  email: {
    type: String,
    required: [true, 'Please provide your email'],
    unique: true,
    lowercase: true,
    validate: [validator.isEmail, 'Please provide a valid email']
  },
  photo: {
    type: String,
    default: 'default.jpg'
  },
  role: {
    type: String,
    enum: ['user', 'guide', 'lead-guide', 'admin'],
    default: 'user'
  },
  password: {
    type: String,
    required: [true, 'Please provide a password'],
    minLength: 8,
    select: false
  },
  passwordConfirm: {
    type: String,
    required: [true, 'Please confirm your password'],
    validate: {
      // This only works on CREATE SAVE!!!
      validator: function(el) {
        return el === this.password;
      },
      message: 'Passwords are not the same!'
    }
  },
  passwordChangeAt: Date,
  passwordResetToken: String,
  passwordResetExpires: Date,
  active: {
    type: Boolean,
    default: true,
    select: false
  }
});

userSchema.pre('save', async function(next) {
  // Only run this function if password was actually modified
  if (!this.isModified('password')) return next();
  // Hash the password with cost of 12
  this.password = await bcrypt.hash(this.password, 12);
  // Delete the passwordConfirm field
  this.passwordConfirm = undefined;
  next();
});

userSchema.pre('save', function(next) {
  if (!this.isModified('password') || this.isNew) return next();
  this.passwordChangeAt = Date.now() - 1000;
  next();
});
// User Regex
userSchema.pre(/^find/, function(next) {
  // this points to the current query
  this.find({ active: { $ne: false } });
  next();
});

userSchema.methods.correctPassword = async function(
  candidatePassword,
  userPassword
) {
  return await bcrypt.compare(candidatePassword, userPassword);
};
userSchema.methods.changePasswordAfter = function(JWTTimestamp) {
  if (this.passwordChangeAt) {
    const changedTimestamp = parseInt(
      this.passwordChangeAt.getTime() / 1000,
      10
    );
    // console.log(changedTimestamp, JWTTimestamp);
    return JWTTimestamp < changedTimestamp; // 100 < 200
  }
  // False means NOT changed
  return false;
};
userSchema.methods.createPasswordResetToken = function() {
  const resetToken = crypto.randomBytes(32).toString('hex');
  this.passwordResetToken = crypto
    .createHash('sha256')
    .update(resetToken)
    .digest('hex');
  // console.log({ resetToken }, this.passwordResetToken);
  this.passwordResetExpires = Date.now() + 10 * 60 * 1000;
  return resetToken;
};
const User = mongoose.model('User', userSchema);
module.exports = User;
```

public\js\alerts.js

```
/* eslint-disable */ Export const hideAlert = () => { Ð const el =
document.querySelector('.alert'); Ð if (el) el.parentElement.removeChild(el); } ; Ð
// type is 'success' or 'error' Export const showAlert = (type, msg, time = 7)
=> { Ð hideAlert(); Ð const markup = `<div class="alert alert--${type}">${msg}</
div>`; Ð document.querySelector('body').insertAdjacentHTML('afterbegin',
markup); Ð window.setTimeout(hideAlert, time * 1000); } ; Ð
```

public\js\index.js

```javascript
/* eslint-disable */
import '@babel/polyfill';
import { displayMap } from './mapbox';
import { login, logout } from './login';
import { updateSettings } from './updateSettings';
import { bookTour } from './stripe';
import { showAlert } from './alerts';

// DOM ELEMENTS
const mapBox = document.getElementById('map');
const loginForm = document.querySelector('.form--login');
const logOutBtn = document.querySelector('.nav__el--logout');
const userDataForm = document.querySelector('.form-user-data');
const userPasswordForm = document.querySelector('.form-user-settings');
const bookBtn = document.getElementById('book-tour');
const alertMessage = document.querySelector('body').dataset.alert;
const deleteButtons = document.querySelectorAll('.delete-btn');

// DELEGATION
if (mapBox) {
  const locations = JSON.parse(mapBox.dataset.locations);
  displayMap(locations);
}
if (loginForm) {
  loginForm.addEventListener('submit', e => {
    e.preventDefault();
    const email = document.getElementById('email').value;
    const password = document.getElementById('password').value;
    login(email, password);
  });
}
if (logOutBtn)
  logOutBtn.addEventListener('click', logout);
if (userDataForm)
  userDataForm.addEventListener('submit', e => {
    e.preventDefault();
    const form = new FormData();
    form.append('name', document.getElementById('name').value);
    form.append('email', document.getElementById('email').value);
    form.append('photo', document.getElementById('photo').files[0]);
    updateSettings(form, 'data');
  });
if (userPasswordForm)
  userPasswordForm.addEventListener('submit', async e => {
    e.preventDefault();
    document.querySelector('.btn--save-password').textContent = 'Updating ...';
    const passwordCurrent = document.getElementById('password-current').value;
    const password = document.getElementById('password').value;
    const passwordConfirm = document.getElementById('password-confirm').value;
    await updateSettings(
      { passwordCurrent, password, passwordConfirm },
      'password'
    );
    document.querySelector('.btn--save-password').textContent = 'Save password';
    document.getElementById('password-current').value = '';
    document.getElementById('password').value = '';
    document.getElementById('password-confirm').value = '';
  });
if (bookBtn)
  bookBtn.addEventListener('click', e => {
    e.target.textContent = 'Processing...';
    const { tourId } = e.target.dataset;
    bookTour(tourId);
  });
if (alertMessage) showAlert('success', alertMessage, 20);
if (deleteButtons) {
  deleteButtons.forEach(button => {
    button.addEventListener('click', async event => {
      const userId = event.target.getAttribute('data-id');
      const confirmation = confirm(
        'Are you sure you want to delete this user?'
      );
      if (confirmation) {
        try {
          const response = await fetch(`/delete-user/${userId}`, {
            method: 'PATCH',
            headers: {
              'Content-Type': 'application/json'
            },
            body: JSON.stringify({ active: false })
          });
          if (response.ok) {
            alert('User deleted successfully');
            location.reload();
          } else {
            alert('Error deleting user');
          }
        } catch (error) {
          alert('Error deleting user');
        }
      }
    });
  });
}
```

public\js\login.js

```javascript
/* eslint-disable */
import axios from 'axios';
import { showAlert } from './alerts';

export const login = async (email, password) => {
  try {
    const res = await axios({
      method: 'POST',
      url: '/api/v1/users/login',
      data: {
        email,
        password
      }
    });

    if (res.data.status === 'success') {
      showAlert('success', 'Logged in successfully!');
      window.setTimeout(() => {
        location.assign('/');
      }, 1500);
    }
  } catch (err) {
    showAlert('error', err.response.data.message);
  }
};

export const logout = async () => {
  try {
    const res = await axios({
      method: 'GET',
      url: '/api/v1/users/logout'
    });
    if (res.data.status === 'success') location.reload(true);
  } catch (err) {
    console.log(err.response)
    showAlert('error', 'Error logging out! Try again');
  }
};
```

public\js\mapbox.js

```
/* eslint-disable */ export const displayMap = locations => { var map =
L.map('map', { zoomControl: false }); L.tileLayer('https://
{s}.tile.openstreetmap.org/{z}/{x}/{y}.png', {    attribution:      '&copy;
<a href="https://www.openstreetmap.org/copyright">OpenStreetMap</a>
contributors' }).addTo(map); const points = []; locations.forEach(loc => {
    points.push([loc.coordinates[1], loc.coordinates[0]]);
L.marker([loc.coordinates[1], loc.coordinates[0]])     .addTo(map)
     .bindPopup(`<p>Day ${loc.day}: ${loc.description}</p>`, {
autoClose: false     })      .openPopup(); }); const bounds =
L.latLngBounds(points).pad(0.5); map.fitBounds(bounds);
map.scrollWheelZoom.disable(); };
```

public\js\stripe.js

```
/* eslint-disable */
import axios from 'axios';
import { showAlert } from './alerts';

export const bookTour = async tourId => {
  // 1) Get checkout session from API
  const stripe = Stripe(
    'pk_test_51MYkVQIsMsAGEtsptKTeoYCnHrBYLRw0R17Eh1ccTUHPY8l4NzhWRJyIC9oQWMe0IFF0juuhtyv44OfyZlnPwQ0b00ylKvQGIF'
  );
  try {
    const session = await axios(
      `/api/v1/bookings/checkout-session/${tourId}`
    );
    // console.log(session);

    // 2) Create checkout form  + change credit card
    await stripe.redirectToCheckout({
      sessionId: session.data.session.id
    });
  } catch (err) {
    console.log(err);
    showAlert('error', err);
  }
};
```

public\js\updateSettings.js

```javascript
// updateData
/* eslint-disable */
import axios from 'axios';
import { showAlert } from './alerts';

// type is either 'password' or 'data'
export const updateSettings = async (data, type) => {
  try {
    const url =
      type === 'password'
        ? '/api/v1/users/updateMyPassword'
        : '/api/v1/users/updateMe';

    const res = await axios({
      method: 'PATCH',
      url,
      data: data
    });

    if (res.data.status === 'success') {
      showAlert('success', `${type.toUpperCase()} updated successfully`);
    }
  } catch (err) {
    console.log(err.response);
    showAlert('error', err.response.data.message);
  }
};
```

routers\bookingRoutes.js

```
const express = require('express');
const bookingController = require('../controllers/bookingController');
const authController = require('../controllers/authController');
const router = express.Router();

router.use(authController.protect);
router.get('/checkout-session/:tourId', bookingController.getCheckoutSession);

router.use(authController.restrictTo('admin', 'lead-guy'));
router
  .route('/')
  .get(bookingController.getAllBookings)
  .post(bookingController.createBooking);
router
  .route('/:id')
  .get(bookingController.getBooking)
  .patch(bookingController.updateBooking)
  .delete(bookingController.deleteBooking);

module.exports = router;
```

routers\reviewRoutes.js

```javascript
const express = require('express');
const reviewController = require('../controllers/reviewController');
const authController = require('../controllers/authController');

const router = express.Router({ mergeParams: true });

router.use(authController.protect);

// connect to the param id in router before
// POST /tour/12das21d/reviews
// POST /reviews
router
  .route('/')
  .get(reviewController.getAllReviews)
  .post(
    authController.restrictTo('user'),
    reviewController.setTourUserIds,
    reviewController.createReview
  );

router
  .route('/:id')
  .get(reviewController.getReview)
  .patch(
    authController.restrictTo('user', 'admin'),
    reviewController.updateReview
  )
  .delete(
    authController.restrictTo('user', 'admin'),
    reviewController.deleteReview
  );

module.exports = router;
```

routers\tourRoutes.js

```js
const express = require('express');
const tourController = require('../controllers/tourController');
const authController = require('../controllers/authController');
const reviewRouter = require('../routers/reviewRoutes');

const {
  getAllTours,
  getTour,
  createTour,
  deleteTour,
  updateTour,
  aliasTopTours,
  getTourStats,
  getMonthlyPlan,
} = tourController;

const router = express.Router();

// router.param('id', checkID);

// POST /tour/12das21d/reviews
// GET /tour/12das21d/reviews
// GET /tour/12das21d/reviews/123sas

// router
//   .route('/:tourId/reviews')
//   .post(
//     authController.protect,
//     authController.restrictTo('user'),
//     reviewController.createReview
//   );

router.use('/:tourId/reviews', reviewRouter);

router.route('/top-5-cheap').get(aliasTopTours, getAllTours);

router.route('/tour-stats').get(getTourStats);

router
  .route('/monthly-plan/:year')
  .get(
    authController.protect,
    authController.restrictTo('admin', 'lead-guide', 'guide'),
    getMonthlyPlan
  );

router
  .route('/tours-within/:distance/center/:latlng/unit/:unit')
  .get(tourController.getToursWithin);
// /tours-distance?distance=233&center=-40,45&unit=mi
// /tours-distance/233/center/-40,45/unit/mi

router.route('/distances/:latlng/unit/:unit').get(tourController.getDistances);

router
  .route('/')
  .get(getAllTours)
  .post(
    authController.protect,
    authController.restrictTo('admin', 'lead-guide'),
    createTour
  );

router
  .route('/:id')
  .get(getTour)
  .patch(
    authController.protect,
    authController.restrictTo('admin', 'lead-guide'),
    tourController.uploadTourImages,
    tourController.resizeTourImages,
    updateTour
  )
  .delete(
    authController.protect,
    authController.restrictTo('admin', 'lead-guide'),
    deleteTour
  );

module.exports = router;
```

routers\userRoutes.js

```
const express = require('express');
const userController = require('../controllers/userController');
const authController = require('../controllers/authController');

const router = express.Router();

router.post('/signup', authController.signup);
router.post('/login', authController.login);
router.get('/logout', authController.logout);
router.post('/forgotPassword', authController.forgotPassword);
router.patch('/resetPassword/:token', authController.resetPassword);

// Protect all routes after this middleware
router.use(authController.protect);

router.patch('/updateMyPassword', authController.updatePassword);
router.get(
  '/me',
  userController.getMe,
  userController.getUser
);
router.patch(
  '/updateMe',
  userController.uploadUserPhoto,
  userController.resizeUserPhoto,
  userController.updateMe
);
router.delete('/deleteMe', userController.deleteMe);

router.use(authController.restrictTo('admin'));

router
  .route('/')
  .get(userController.getAllUsers)
  .post(userController.createUser);

router
  .route('/:id')
  .get(userController.getUser)
  .patch(userController.updateUser)
  .delete(userController.deleteUser);

module.exports = router;
```

routers\viewRoutes.js

```javascript
const express = require('express');
const viewController = require('../controllers/viewController');
const authController = require('../controllers/authController');
const User = require('../models/userModel'); // Adjust the path as necessary
// const bookingController = require('../controllers/bookingController');
const router = express.Router();

router.use(viewController.alerts);
router.get(
  '/',
  // bookingController.createBookingCheckout,
  authController.isLoggedIn,
  viewController.getOverview
);
router.get('/tours/:slug', authController.isLoggedIn, viewController.getTour);
// /login
router.get('/login', authController.isLoggedIn, viewController.getLoginForm);
router.get('/me', authController.protect, viewController.getAccount);
router.get('/my-tours', authController.protect, viewController.getMyTours);
router.post(
  '/submit-user-data',
  authController.protect,
  viewController.updateUserData
);

// Add the manage-users route
router.get('/manage-users', authController.protect, async (req, res) => {
  try {
    // Fetch users from your database
    const users = await User.find().select('name role photo'); // Adjust the fields as necessary
    res.render('manage-users', { users });
  } catch (err) {
    res.status(500).send('Error fetching users');
  }
});
router.patch('/delete-user/:id', authController.protect, async (req, res) => {
  try {
    const user = await User.findByIdAndUpdate(
      req.params.id,
      { active: false },
      { new: true }
    );
    if (!user) {
      return res
        .status(404)
        .json({ status: 'fail', message: 'User not found' });
    }
    res.status(200).json({ status: 'success', data: { user } });
  } catch (err) {
    res.status(500).json({ status: 'error', message: 'Error deleting user' });
  }
});
module.exports = router;
```

server.js

```js
const mongoose = require('mongoose');
const dotenv = require('dotenv');

mongoose.set('strictQuery', false);

process.on('uncaughtException', err => {
  console.error('UNCAUGHT EXCEPTION 💥 Shutting down...');
  console.error(err.name, err.message);
  process.exit(1);
});

dotenv.config({ path: './config.env' });
const DB = process.env.DATABASE.replace(
  '<PASSWORD>',
  process.env.DATABASE_PASSWORD
);

mongoose
  .connect(DB, {
    useNewUrlParser: true,
    useUnifiedTopology: true
  })
  .then(con => console.log('DB connection successful!'));

const app = require('./app');

const port = process.env.PORT || 3000;
const server = app.listen(port, () =>
  console.log(`App listening on port ${port}...`)
);

process.on('unhandledRejection', err => {
  console.error('UNHANDLED REJECTION 💥 Shutting down...');
  console.error(err.name, err.message);
  server.close(() => {
    process.exit(1);
  });
});
```

utils\apiFeatures.js

```js
class APIFeatures {
  constructor(query, queryString) {
    this.query = query;
    this.queryString = queryString;
  }
  filter() {
    const queryObj = { ...this.queryString };
    const excludedFields = ['page', 'sort', 'limit', 'fields'];
    excludedFields.forEach(el => delete queryObj[el]);

    // 1B) Advanced filtering
    let queryStr = JSON.stringify(queryObj);
    queryStr = queryStr.replace(/\b(gte|gt|lte|lt)\b/g, match => `$${match}`);

    this.query.find(JSON.parse(queryStr));
    // let query = Tour.find(JSON.parse(queryStr));
    return this;
  }
  sort() {
    if (this.queryString.sort) {
      const sortBy = this.queryString.sort.split(',').join(' ');
      this.query = this.query.sort(sortBy);
      // sort('price ratingsAverage')
    } else {
      this.query = this.query.sort('-createdAt');
    }
    return this;
  }
  limitFields() {
    if (this.queryString.fields) {
      const fields = this.queryString.fields.split(',').join(' ');
      this.query = this.query.select(fields);
    } else {
      this.query = this.query.select('-__v');
    }
    return this;
  }
  paginate() {
    const page = this.queryString.page * 1 || 1;
    const limit = this.queryString.limit * 1 || 100;
    const skip = (page - 1) * limit;
    this.query = this.query.skip(skip).limit(limit);
    return this;
  }
}
module.exports = APIFeatures;
```

utils\appError.js

```
class AppError extends Error {Ð constructor(message, statusCode) {Ð
super(message);Ð   this.statusCode = statusCode;Ð   this.status =
`${statusCode}`.startsWith('4') ? 'fail' : 'error';Ð   this.isOperational =
true;Ð   Error.captureStackTrace(this, this.constructor);Ð }Ðmodule.exports =
AppError;Ð
```

utils\catchAsync.js

```
module.exports = fn => { return (req, res, next) => {   fn(req, res,
next).catch(err => next(err)); }; };
```

utils\email.js

```javascript
const nodemailer = require('nodemailer');
const pug = require('pug');
const { htmlToText } = require('html-to-text');

module.exports = class Email {
  constructor(user, url) {
    this.to = user.email;
    this.firstName = user.name.split(' ')[0];
    this.url = url;
    this.from =
      process.env.NODE_ENV === 'production'
        ? `Alex Anh Le <${process.env.SENDGRID_EMAIL_FROM}>`
        : `Alex Anh Le <${process.env.EMAIL_FROM}>`;
    console.log(this.from);
  }

  newTransport() {
    if (process.env.NODE_ENV === 'production') {
      // Sendgrid
      return nodemailer.createTransport({
        service: 'SendGrid',
        auth: {
          user: process.env.SENDGRID_USERNAME,
          pass: process.env.SENDGRID_PASSWORD
        }
      });
    }

    return nodemailer.createTransport({
      host: process.env.EMAIL_HOST,
      port: process.env.EMAIL_PORT,
      auth: {
        user: process.env.EMAIL_USERNAME,
        pass: process.env.EMAIL_PASSWORD
      }
      // Activate in gmail "less secure app" option
    });
  }

  // Send the actual email
  async send(template, subject) {
    // 1) Render HTML based on a pug template
    const html = pug.renderFile(`${__dirname}/../views/email/${template}.pug`, {
      firstName: this.firstName,
      url: this.url,
      subject
    });

    // 2) Define email options
    const mailOptions = {
      from: this.from,
      to: this.to,
      subject,
      html,
      text: htmlToText(html)
      // html;
    };

    // 3) Create a transport and send email
    await this.newTransport().sendMail(mailOptions);
  }

  async sendWelcome() {
    await this.send('welcome', 'Welcome to the Natours Family');
  }

  async sendPassWordReset() {
    await this.send(
      'passwordReset',
      'Your password reset token (valid for only 10 minutes)'
    );
  }
};
```

public\overview.html

```
<!DOCTYPE html>Ðhtml lang="en">Ð <head>Ð    <meta charset="UTF-8" />Ð    <meta
name="viewport" content="width=device-width, initial-scale=1.0" />Ð    <linkÐ
      href="https://fonts.googleapis.com/css?family=Lato:300,300i,700"Ð
rel="stylesheet"Ð    />Ð    <link rel="stylesheet" href="css/style.css" />Ð
<link rel="shortcut icon" type="image/png" href="img/favicon.png" />Ð
<title>Natours | Exciting tours for adventurous people</title>Ð </head>Ð
<body>Ð    <header class="header">Ð      <nav class="nav nav--tours">Ð        <a
href="#" class="nav__el">All tours</a>Ð        <form class="nav__search">Ð
          <button class="nav__search-btn">Ð            <svg>Ð              <use
xlink:href="img/icons.svg#icon-search"></use>Ð            </svg>Ð          </
button>Ð          <inputÐ            type="text"Ð            placeholder="Search
tours"Ð            class="nav__search-input"Ð          />Ð        </form>Ð      </
nav>Ð      <div class="header__logo">Ð        <img src="img/logo-white.png"
alt="Natours logo" />Ð      </div>Ð      <nav class="nav nav--user">Ð        <a
href="#" class="nav__el">My bookings</a>Ð        <a href="#" class="nav__el">Ð
          <img src="img/user.jpg" alt="User photo" class="nav__user-img" />Ð
          <span>Jonas</span>Ð        </a>Ð        <!-- <button
class="nav__el">Log in</button>Ð        <button class="nav__el nav__el--
cta">Sign up</button> -->Ð      </nav>Ð    </header>Ð    <!-- In video, this
<main> element is wrongly called: <section class="overview">. So in pug
template, please use main.main instead of section.overview -->Ð    <main
class="main">Ð      <div class="card-container">Ð        <div class="card">Ð
          <div class="card__header">Ð            <div class="card__picture">Ð
              <div class="card__picture-overlay"> </div>Ð
<imgÐ                src="img/tour-1-cover.jpg"Ð                alt="Tour 1"Ð
                class="card__picture-img"Ð              />Ð            </div>Ð
            <h3 class="heading-tertirary">Ð              <span>The Forest
Hiker</span>Ð            </h3>Ð          </div>Ð          <div
class="card__details">Ð            <h4 class="card__sub-heading">Easy 5-day
tour</h4>Ð            <p class="card__text">Ð              Breathtaking hike
through the Canadian Banff National ParkÐ            </p>Ð            <div
class="card__data">Ð              <svg class="card__icon">Ð                <use
xlink:href="img/icons.svg#icon-map-pin"></use>Ð              </svg>Ð
              <span>Banff, Canada</span>Ð            </div>Ð            <div
class="card__data">Ð              <svg class="card__icon">Ð                <use
xlink:href="img/icons.svg#icon-calendar"></use>Ð              </svg>Ð
              <span>April 2021</span>Ð            </div>Ð            <div
class="card__data">Ð              <svg class="card__icon">Ð                <use
xlink:href="img/icons.svg#icon-flag"></use>Ð              </svg>Ð
<span>3 stops</span>Ð            </div>Ð            <div class="card__data">Ð
              <svg class="card__icon">Ð                <use xlink:href="img/
icons.svg#icon-user"></use>Ð              </svg>Ð              <span>25 people</
span>Ð            </div>Ð          </div>Ð          <div class="card__footer">Ð
            <p>Ð              <span class="card__footer-value">$297</span>Ð
            <span class="card__footer-text">per person</span>Ð            </
p>Ð            <p class="card__ratings">Ð              <span
class="card__footer-value">4.9</span>Ð              <span class="card__footer-
text">rating (21)</span>Ð            </p>Ð            <a href="#" class="btn
btn--green btn--small">Details</a>Ð          </div>Ð        </div>Ð        <div
class="card">Ð          <div class="card__header">Ð            <div
class="card__picture">Ð              <div class="card__picture-
overlay"> </div>Ð              <imgÐ                src="img/tour-2-
cover.jpg"Ð                alt="Tour 1"Ð                class="card__picture-
img"Ð              />Ð            </div>Ð            <h3 class="heading-
tertirary">Ð              <span>The Sea Explorer</span>Ð            </h3>Ð
          </div>Ð          <div class="card__details">Ð            <h4
class="card__sub-heading">Medium-difficult 7-day tour</h4>Ð            <p
class="card__text">Ð              Exploring the jaw-dropping US east coast by
foot and by boatÐ
```

```html
        </p>Đ					<div class="card__data">Đ
		<svg class="card__icon">Đ					<use xlink:href="img/
icons.svg#icon-map-pin"></use>Đ					</svg>Đ					<span>Oregon,
US</span>Đ				</div>Đ					<div class="card__data">Đ
<svg class="card__icon">Đ					<use xlink:href="img/icons.svg#icon-
calendar"></use>Đ				</svg>Đ					<span>June 2021</span>Đ
		</div>Đ					<div class="card__data">Đ					<svg
class="card__icon">Đ					<use xlink:href="img/icons.svg#icon-
flag"></use>Đ				</svg>Đ					<span>4 stops</span>Đ
</div>Đ					<div class="card__data">Đ					<svg
class="card__icon">Đ					<use xlink:href="img/icons.svg#icon-
user"></use>Đ				</svg>Đ					<span>15 people</span>Đ
		</div>Đ				</div>Đ				<div class="card__footer">Đ
		<p>Đ					<span class="card__footer-value">$497</span>Đ
			<span class="card__footer-text">per person</span>Đ				</
p>Đ					<p class="card__ratings">Đ					<span
class="card__footer-value">4.8</span>Đ					<span class="card__footer-
text">rating (12)</span>Đ				</p>Đ					<a href="#" class="btn
btn--green btn--small">Details</a>Đ				</div>Đ			</div>Đ			<div
class="card">Đ				<div class="card__header">Đ					<div
class="card__picture">Đ					<div class="card__picture-
overlay"> </div>Đ					<imgĐ					src="img/tour-3-
cover.jpg"Đ					alt="Tour 1"Đ					class="card__picture-
img"Đ					/>Đ					</div>Đ					<h3 class="heading-
tertirary">Đ					<span>The Snow Adventurer</span>Đ				</h3>Đ
		</div>Đ				<div class="card__details">Đ					<h4
class="card__sub-heading">Difficult 3-day tour</h4>Đ					<p
class="card__text">Đ					Exciting adventure in the snow with
snowboarding and skiingĐ				</p>Đ					<div class="card__data">Đ
		<svg class="card__icon">Đ					<use xlink:href="img/
icons.svg#icon-map-pin"></use>Đ					</svg>Đ					<span>Aspen,
USA</span>Đ				</div>Đ					<div class="card__data">Đ
<svg class="card__icon">Đ					<use xlink:href="img/icons.svg#icon-
calendar"></use>Đ				</svg>Đ					<span>January 2022</span>Đ
		</div>Đ					<div class="card__data">Đ					<svg
class="card__icon">Đ					<use xlink:href="img/icons.svg#icon-
flag"></use>Đ				</svg>Đ					<span>2 stops</span>Đ
</div>Đ					<div class="card__data">Đ					<svg
class="card__icon">Đ					<use xlink:href="img/icons.svg#icon-
user"></use>Đ				</svg>Đ					<span>10 people</span>Đ
		</div>Đ				</div>Đ				<div class="card__footer">Đ
		<p>Đ					<span class="card__footer-value">$697</span>Đ
			<span class="card__footer-text">per person</span>Đ				</
p>Đ					<p class="card__ratings">Đ					<span
class="card__footer-value">4.9</span>Đ					<span class="card__footer-
text">rating (7)</span>Đ				</p>Đ					<a href="#" class="btn
btn--green btn--small">Details</a>Đ				</div>Đ			</div>Đ			<div
class="card">Đ				<div class="card__header">Đ					<div
class="card__picture">Đ					<div class="card__picture-
overlay"> </div>Đ					<imgĐ					src="img/tour-4-
cover.jpg"Đ					alt="Tour 1"Đ					class="card__picture-
img"Đ					/>Đ					</div>Đ					<h3 class="heading-
tertirary">Đ					<span>The City Wanderer</span>Đ				</h3>Đ
		</div>Đ				<div class="card__details">Đ					<h4
class="card__sub-heading">Easy 7-day tour</h4>Đ					<p
class="card__text">Đ					Living the life of Wanderlust in the US'
most beatiful citiesĐ				</p>Đ					<div class="card__data">Đ
		<svg class="card__icon">Đ					<use xlink:href="img/
icons.svg#icon-map-pin"></use>Đ					</svg>Đ					<span>NYC,
USA</span>Đ
```

```html
                    </div>Ð                <div class="card__data">Ð
<svg class="card__icon">Ð                    <use xlink:href="img/icons.svg#icon-
calendar"></use>Ð            </svg>Ð            <span>March 2021</span>Ð
            </div>Ð            <div class="card__data">Ð                <svg
class="card__icon">Ð                    <use xlink:href="img/icons.svg#icon-
flag"></use>Ð            </svg>Ð            <span>3 stops</span>Ð
</div>Ð            <div class="card__data">Ð                <svg
class="card__icon">Ð                    <use xlink:href="img/icons.svg#icon-
user"></use>Ð            </svg>Ð            <span>20 people</span>Ð
            </div>Ð            </div>Ð            <div class="card__footer">Ð
            <p>Ð                <span class="card__footer-value">$997</span>Ð
                <span class="card__footer-text">per person</span>Ð            </
p>Ð            <p class="card__ratings">Ð                    <span
class="card__footer-value">4.8</span>Ð                    <span class="card__footer-
text">rating (31)</span>Ð            </p>Ð            <a href="#" class="btn
btn--green btn--small">Details</a>Ð            </div>Ð            </div>Ð            <div
class="card">Ð            <div class="card__header">Ð                    <div
class="card__picture">Ð                    <div class="card__picture-
overlay"> </div>Ð                <img Ð                    src="img/tour-5-
cover.jpg"Ð                alt="Tour 1"Ð                    class="card__picture-
img"Ð            />Ð                </div>Ð                    <h3 class="heading-
tertirary">Ð                    <span>The Park Camper</span>Ð                </h3>Ð
            </div>Ð            <div class="card__details">Ð                    <h4
class="card__sub-heading">Medium-Difficult 10-day tour</h4>Ð                <p
class="card__text">Ð                    Breathing in Nature in America's most
spectacular National ParksÐ                </p>Ð                <div class="card__data">Ð
                    <svg class="card__icon">Ð                    <use xlink:href="img/
icons.svg#icon-map-pin"></use>Ð                </svg>Ð                <span>Las
Vegas, USA</span>Ð                </div>Ð                <div class="card__data">Ð
                    <svg class="card__icon">Ð                    <use xlink:href="img/
icons.svg#icon-calendar"></use>Ð                </svg>Ð                <span>August
2021</span>Ð                </div>Ð                <div class="card__data">Ð
                    <svg class="card__icon">Ð                    <use xlink:href="img/
icons.svg#icon-flag"></use>Ð                </svg>Ð                <span>4 stops</
span>Ð                </div>Ð                <div class="card__data">Ð                    <svg
class="card__icon">Ð                    <use xlink:href="img/icons.svg#icon-
user"></use>Ð                </svg>Ð                <span>15 people</span>Ð
            </div>Ð                </div>Ð                <div class="card__footer">Ð
            <p>Ð                    <span class="card__footer-value">$1,497</span>Ð
                <span class="card__footer-text">per person</span>Ð            </
p>Ð                <p class="card__ratings">Ð                    <span
class="card__footer-value">4.9</span>Ð                    <span class="card__footer-
text">rating (19)</span>Ð                </p>Ð                <a href="/tour.html"
class="btn btn--green btn--small">Details</a>Ð                </div>Ð            </div>Ð
            <div class="card">Ð            <div class="card__header">Ð
<div class="card__picture">Ð                    <div class="card__picture-
overlay"> </div>Ð                <img Ð                    src="img/tour-6-
cover.jpg"Ð            alt="Tour 1"Ð                    class="card__picture-
img"Ð            />Ð                </div>Ð            <h3 class="heading-
tertirary">Ð                    <span>The Sports Lover</span>Ð                </h3>Ð
            </div>Ð            <div class="card__details">Ð            <h4
class="card__sub-heading">Difficult 14-day tour</h4>Ð                <p
class="card__text">Ð                    Surfing, skating, parajumping, rock climbing
and more, all in oneÐ                tourÐ                </p>Ð                <div
class="card__data">Ð                <svg class="card__icon">Ð                    <use
xlink:href="img/icons.svg#icon-map-pin"></use>Ð                </svg>Ð
            <span>California, USA</span>Ð                </div>Ð                <div
class="card__data">Ð                <svg class="card__icon">Ð                    <use
xlink:href="img/icons.svg#icon-calendar"></use>Ð            </svg>Ð
            <span>July 2021</span>Ð
```

```html
            </div>Đ                <div
class="card__data">Đ                <svg class="card__icon">Đ                <use
xlink:href="img/icons.svg#icon-flag"></use>Đ                </svg>Đ
<span>5 stops</span>Đ                </div>Đ                <div class="card__data">Đ
                <svg class="card__icon">Đ                <use xlink:href="img/
icons.svg#icon-user"></use>Đ                </svg>Đ                <span>8 people</
span>Đ                </div>Đ                <div class="card__footer">Đ
            <p>Đ                <span class="card__footer-value">$1,997</span>Đ
                <span class="card__footer-text">per person</span>Đ                </
p>Đ                <p class="card__ratings">Đ                <span
class="card__footer-value">4.7</span>Đ                <span class="card__footer-
text">rating (23)</span>Đ                </p>Đ                <a href="#" class="btn
btn--green btn--small">Details</a>Đ                </div>Đ                </div>Đ        </div>Đ
        </main>Đ    <div class="footer">Đ        <div class="footer__logo">Đ
<img src="img/logo-green.png" alt="Natours logo" />Đ        </div>Đ        <ul
class="footer__nav">Đ        <li><a href="#">About us</a></li>Đ        <li><a
href="#">Download apps</a></li>Đ        <li><a href="#">Become a guide</a></li>Đ
        <li><a href="#">Careers</a></li>Đ        <li><a href="#">Contact</a></
li>Đ        </ul>Đ        <p class="footer__copyright">Đ        &copy; by Jonas
Schmedtmann. All rights reserved.Đ        </p>Đ    </div>Đ </body>Đ/html>Đ
```

public\tour.html

```
<!DOCTYPE html>Đhtml lang="en">Đ <head>Đ   <meta charset="UTF-8" />Đ   <meta
name="viewport" content="width=device-width, initial-scale=1.0" />Đ   <linkĐ
     href="https://fonts.googleapis.com/css?family=Lato:300,400,400i,700"Đ
     rel="stylesheet"Đ   />Đ   <link rel="stylesheet" href="css/style.css" />Đ
    <link rel="shortcut icon" type="image/png" href="img/favicon.png" />Đ
<title>Natours | The Park Camper Tour</title>Đ   <script src="https://
api.mapbox.com/mapbox-gl-js/v0.50.0/mapbox-gl.js"></script>Đ   <linkĐ
href="https://api.mapbox.com/mapbox-gl-js/v0.50.0/mapbox-gl.css"Đ
rel="stylesheet"Đ   />Đ </head>Đ <body>Đ   <header class="header">Đ     <nav
class="nav nav--tours">Đ       <a href="/overview.html" class="nav__el">All
tours</a>Đ       <form class="nav__search">Đ         <button
class="nav__search-btn">Đ           <svg>Đ             <use xlink:href="img/
icons.svg#icon-search"></use>Đ           </svg>Đ         </button>Đ
<inputĐ         type="text"Đ         placeholder="Search tours"Đ
          class="nav__search-input"Đ         />Đ       </form>Đ     </nav>Đ
      <div class="header__logo">Đ       <img src="img/logo-white.png"
alt="Natours logo" />Đ     </div>Đ     <nav class="nav nav--user">Đ       <a
href="#" class="nav__el">My bookings</a>Đ       <button class="nav__el">Log
out</button>Đ       <a href="#" class="nav__el">Đ         <img src="img/
user.jpg" alt="User photo" class="nav__user-img" />Đ         <span>Jonas</
span>Đ       </a>Đ       <!--Đ         <button class="nav__el">Log in</button>Đ
       <button class="nav__el nav__el--cta">Sign up</button>Đ       -->Đ
</nav>Đ   </header>Đ   <section class="section-header">Đ     <div
class="heading-box">Đ       <h1 class="heading-primary">Đ         <spanĐ
        >The Park <br />Đ         Camper Tour</spanĐ         >Đ       </
h1>Đ       <div class="heading-box__group">Đ         <div class="heading-
box__detail">Đ           <svg class="heading-box__icon">Đ             <use
xlink:href="img/icons.svg#icon-clock"></use>Đ           </svg>Đ
<span class="heading-box__text">10 days</span>Đ         </div>Đ         <div
class="heading-box__detail">Đ           <svg class="heading-box__icon">Đ
          <use xlink:href="img/icons.svg#icon-map-pin"></use>Đ
</svg>Đ           <span class="heading-box__text">Las Vegas, USA</span>Đ
       </div>Đ       </div>Đ     </div>Đ   </section>Đ   <section
class="section-description">Đ     <div class="overview-box">Đ       <div>Đ
       <div class="overview-box__group">Đ         <h2 class="heading-
secondary ma-bt-lg">Quick facts</h2>Đ         <div class="overview-
box__detail">Đ           <svg class="overview-box__icon">Đ
<use xlink:href="img/icons.svg#icon-calendar"></use>Đ           </svg>Đ
        <span class="overview-box__label">Next date</span>Đ
<span class="overview-box__text">August 2021</span>Đ         </div>Đ
        <div class="overview-box__detail">Đ           <svg
class="overview-box__icon">Đ             <use xlink:href="img/
icons.svg#icon-trending-up"></use>Đ           </svg>Đ           <span
class="overview-box__label">Difficulty</span>Đ           <span
class="overview-box__text">Medium</span>Đ         </div>Đ         <div
class="overview-box__detail">Đ           <svg class="overview-box__icon">Đ
          <use xlink:href="img/icons.svg#icon-user"></use>Đ
</svg>Đ           <span class="overview-box__label">Participants</span>Đ
        <span class="overview-box__text">10 people</span>Đ         </
div>Đ         <div class="overview-box__detail">Đ           <svg
class="overview-box__icon">Đ             <use xlink:href="img/
icons.svg#icon-star"></use>Đ           </svg>Đ           <span
class="overview-box__label">Rating</span>Đ           <span class="overview-
box__text">4.9 / 5</span>Đ         </div>Đ       </div>Đ         <div
class="overview-box__group">Đ         <h2 class="heading-secondary ma-bt-
lg">Your tour guides</h2>Đ         <div class="overview-box__detail">Đ
         <imgĐ           src="img/users/user-19.jpg"Đ
alt="Lead guide"Đ           class="overview-box__img"Đ           />Đ
         <span class="overview-box__label">Lead guide</span>
```

```
          <span class="overview-box__text">Steven Miller</span>Ð
        </div>Ð          <div class="overview-box__detail">Ð
<imgÐ            src="img/users/user-18.jpg"Ð            alt="Tour
guide"Ð          class="overview-box__img"Ð          />Ð
<span class="overview-box__label">Tour guide</span>Ð          <span
class="overview-box__text">Lisa Brown</span>Ð          </div>Ð
<div class="overview-box__detail">Ð            <imgÐ          src="img/
users/user-17.jpg"Ð            alt="Intern"Ð          class="overview-
box__img"Ð          />Ð          <span class="overview-
box__label">Intern</span>Ð          <span class="overview-box__text">Max
Smith</span>Ð          </div>Ð          </div>Ð          </div>Ð
<div class="description-box">Ð        <h2 class="heading-secondary ma-bt-
lg">About the park camper tour</h2>Ð        <p class="description__text">Ð
          Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed doÐ
          eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim
adÐ          minim veniam, quis nostrud exercitation ullamco laboris nisi utÐ
          aliquip ex ea commodo consequat. Duis aute irure dolor inÐ
reprehenderit in voluptate velit esse cillum dolore eu fugiat nullaÐ
pariatur.Ð          </p>Ð          <p class="description__text">Ð          Duis aute
irure dolor in reprehenderit in voluptate velit esse cillumÐ          dolore
eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat nonÐ
proident, sunt in culpa qui officia deserunt mollit anim id estÐ
laborum!Ð          </p>Ð        </div>Ð    </section>Ð    <section class="section-
pictures">Ð        <div class="picture-box">Ð          <imgÐ          class="picture-
box__img picture-box__img--1"Ð          src="img/tour-5-1.jpg"Ð
alt="The Park Camper Tour 1"Ð          />Ð        </div>Ð        <div class="picture-
box">Ð          <imgÐ          class="picture-box__img picture-box__img--2"Ð
          src="img/tour-5-2.jpg"Ð          alt="The Park Camper Tour 1"Ð
        />Ð        </div>Ð        <div class="picture-box">Ð          <imgÐ
class="picture-box__img picture-box__img--3"Ð          src="img/tour-5-3.jpg"Ð
          alt="The Park Camper Tour 1"Ð          />Ð        </div>Ð    </section>Ð
<section class="section-map">Ð      <div id="map"></div>Ð      <script>Ð
mapboxgl.accessToken =Ð          'pk.eyJ1Ijoiam9uYXNzY2htZWR0bWFubiIsImEiOiJjam
54ZmM5N3gwNjAzM3dtZDNxYTVlMnd2In0.ytpI7V7w7cyT1Kq5rT9Z1A';Ð          const
geojson = {Ð          type: 'FeatureCollection',Ð          features: [Ð
          {Ð              type: 'Feature',Ð              geometry: {Ð
          type: 'Point',Ð              coordinates: [-112.987418,
37.198125]Ð              },Ð            properties: {Ð
description: 'Zion Canyon National Park'Ð              }Ð              },Ð
          {Ð              type: 'Feature',Ð              geometry: {Ð
          type: 'Point',Ð              coordinates: [-111.376161,
36.86438]Ð              },Ð              properties: {Ð
description: 'Antelope Canyon'Ð              }Ð              },Ð          {Ð
          type: 'Feature',Ð              geometry: {Ð              type:
'Point',Ð              coordinates: [-112.115763, 36.058973]Ð              },Ð
          properties: {Ð              description: 'Grand Canyon
National Park'Ð              }Ð              },Ð              {Ð              type:
'Feature',Ð              geometry: {Ð              type: 'Point',Ð
          coordinates: [-116.107963, 34.011646]Ð              },Ð
          properties: {Ð              description: 'Joshua Tree National
Park'Ð              }Ð              }Ð            ]Ð          };Ð          const map = new
mapboxgl.Map({Ð          container: 'map',Ð          style: 'mapbox://styles/
jonasschmedtmann/cjnxfn3zk7bj52rpegdltx58h',Ð          scrollZoom: falseÐ
        });Ð          const bounds = new mapboxgl.LngLatBounds();Ð
geojson.features.forEach(function(marker) {Ð          var el =
document.createElement('div');Ð          el.className = 'marker';Ð          new
mapboxgl.Marker({Ð          element: el,Ð          anchor: 'bottom'Ð
        })Ð          .setLngLat(marker.geometry.coordinates)Ð
        .addTo(map);Ð
```

```
                            Ð           new mapboxgl.Popup({Ð              offset: 30,Ð
            closeOnClick: falseÐ            })Ð
                .setLngLat(marker.geometry.coordinates)Ð            .setHTML('<p>'
+ marker.properties.description + '</p>')Ð            .addTo(map);Ð
bounds.extend(marker.geometry.coordinates);Ð            });Ð
map.fitBounds(bounds, {Ð          padding: {Ð            top: 200,Ð
bottom: 150,Ð              left: 50,Ð              right: 50Ð            }Ð          });Ð
        map.on('load', function() {Ð          map.addLayer({Ð            id:
'route',Ð            type: 'line',Ð            source: {Ð              type:
'geojson',Ð              data: {Ð                type: 'Feature',Ð
            properties: {},Ð                geometry: {Ð
type: 'LineString',Ð                coordinates: [Ð
[-112.987418, 37.198125],Ð                    [-111.376161, 36.86438],Ð
                [-112.115763, 36.058973],Ð
[-116.107963, 34.011646]Ð                  ]Ð                }Ð              }Ð
            },Ð            layout: {Ð              'line-join': 'round',Ð
            'line-cap': 'round'Ð            },Ð              paint: {Ð
            'line-color': '#55c57a',Ð              'line-opacity': 0.6,Ð
            'line-width': 3Ð            }Ð          });Ð          });Ð          </
script>Ð    </section>Ð    <section class="section-reviews">Ð      <div
class="reviews">Ð        <div class="reviews__card">Ð          <div
class="reviews__avatar">Ð              <imgÐ              src="img/users/
user-7.jpg"Ð              alt="Jim Brown"Ð              class="reviews__avatar-
img"Ð            />Ð          <h6 class="reviews__user">Jim Brown</h6>Ð
        </div>Ð          <p class="reviews__text">Ð            Lorem ipsum
dolor sit amet consectetur adipisicing elit. CumqueÐ          dignissimos
sint quo commodi corrupti accusantium veniam saepeÐ          numquam.Ð
        </p>Ð          <div class="reviews__rating">Ð            <svg
class="reviews__star reviews__star--active">Ð              <use
xlink:href="img/icons.svg#icon-star"></use>Ð          </svg>Ð          <svg
class="reviews__star reviews__star--active">Ð              <use
xlink:href="img/icons.svg#icon-star"></use>Ð          </svg>Ð          <svg
class="reviews__star reviews__star--active">Ð              <use
xlink:href="img/icons.svg#icon-star"></use>Ð          </svg>Ð          <svg
class="reviews__star reviews__star--active">Ð              <use
xlink:href="img/icons.svg#icon-star"></use>Ð          </svg>Ð          <svg
class="reviews__star reviews__star--active">Ð              <use
xlink:href="img/icons.svg#icon-star"></use>Ð          </svg>Ð        </div>Ð
        </div>Ð        <div class="reviews__card">Ð          <div
class="reviews__avatar">Ð              <imgÐ              src="img/users/
user-14.jpg"Ð              alt="Laura Wilson"Ð
class="reviews__avatar-img"Ð            />Ð          <h6
class="reviews__user">Laura Wilson</h6>Ð          </div>Ð          <p
class="reviews__text">Ð            Veniam adipisci blanditiis, corporis sit
magnam aperiam ad, fugaÐ          reiciendis provident deleniti cumque
similique itaque animi,Ð          sapiente obcaecati beatae accusantium.Ð
        </p>Ð          <div class="reviews__rating">Ð            <svg
class="reviews__star reviews__star--active">Ð              <use
xlink:href="img/icons.svg#icon-star"></use>Ð          </svg>Ð          <svg
class="reviews__star reviews__star--active">Ð              <use
xlink:href="img/icons.svg#icon-star"></use>Ð          </svg>Ð          <svg
class="reviews__star reviews__star--active">Ð              <use
xlink:href="img/icons.svg#icon-star"></use>Ð          </svg>Ð          <svg
class="reviews__star reviews__star--active">Ð              <use
xlink:href="img/icons.svg#icon-star"></use>Ð          </svg>Ð          <svg
class="reviews__star reviews__star--inactive">Ð              <use
xlink:href="img/icons.svg#icon-star"></use>Ð          </svg>Ð        </div>Ð
        </div>Ð        <div class="reviews__card">Ð          <div
class="reviews__avatar">Ð              <imgÐ              src="img/users/
user-15.jpg"Ð
```

```
                    alt="Ben Hadley"Ð
class="reviews__avatar-img"Ð            />Ð            <h6
class="reviews__user">Ben Hadley</h6>Ð        </div>Ð        <p
class="reviews__text">Ð          Debitis, nesciunt itaque! At quis officia
natus. Suscipit,Ð          reprehenderit blanditiis mollitia distinctio
ducimus porro temporeÐ          perspiciatis sunt vel.Ð        </p>Ð
          <div class="reviews__rating">Ð          <svg class="reviews__star
reviews__star--active">Ð          <use xlink:href="img/icons.svg#icon-
star"></use>Ð          </svg>Ð          <svg class="reviews__star
reviews__star--active">Ð          <use xlink:href="img/icons.svg#icon-
star"></use>Ð          </svg>Ð          <svg class="reviews__star
reviews__star--active">Ð          <use xlink:href="img/icons.svg#icon-
star"></use>Ð          </svg>Ð          <svg class="reviews__star
reviews__star--active">Ð          <use xlink:href="img/icons.svg#icon-
star"></use>Ð          </svg>Ð          <svg class="reviews__star
reviews__star--active">Ð          <use xlink:href="img/icons.svg#icon-
star"></use>Ð          </svg>Ð          </div>Ð        </div>Ð        <div
class="reviews__card">Ð        <div class="reviews__avatar">Ð          <imgÐ
            src="img/users/user-6.jpg"Ð            alt="Alexander Jones"Ð
            class="reviews__avatar-img"Ð            />Ð            <h6
class="reviews__user">Alexander Jones</h6>Ð        </div>Ð        <p
class="reviews__text">Ð          Quaerat laborum eveniet ut aut maiores
doloribus mollitia aperiamÐ          quis praesentium sed inventore harum
aliquam veritatis at adipisciÐ          ea assumenda!Ð        </p>Ð
<div class="reviews__rating">Ð          <svg class="reviews__star
reviews__star--active">Ð          <use xlink:href="img/icons.svg#icon-
star"></use>Ð          </svg>Ð          <svg class="reviews__star
reviews__star--active">Ð          <use xlink:href="img/icons.svg#icon-
star"></use>Ð          </svg>Ð          <svg class="reviews__star
reviews__star--active">Ð          <use xlink:href="img/icons.svg#icon-
star"></use>Ð          </svg>Ð          <svg class="reviews__star
reviews__star--active">Ð          <use xlink:href="img/icons.svg#icon-
star"></use>Ð          </svg>Ð          <svg class="reviews__star
reviews__star--active">Ð          <use xlink:href="img/icons.svg#icon-
star"></use>Ð          </svg>Ð          </div>Ð        </div>Ð        <div
class="reviews__card">Ð        <div class="reviews__avatar">Ð          <imgÐ
            src="img/users/user-3.jpg"Ð            alt="Ayla Cornell"Ð
            class="reviews__avatar-img"Ð            />Ð            <h6
class="reviews__user">Ayla Cornell</h6>Ð        </div>Ð        <p
class="reviews__text">Ð          Perferendis quo aliquid iste quas
laboriosam molestias illo estÐ          voluptatem odit ea. Vero placeat
culpa provident dicta maiores!Ð        </p>Ð        <div
class="reviews__rating">Ð          <svg class="reviews__star reviews__star--
active">Ð          <use xlink:href="img/icons.svg#icon-star"></use>Ð
        </svg>Ð          <svg class="reviews__star reviews__star--
active">Ð          <use xlink:href="img/icons.svg#icon-star"></use>Ð
        </svg>Ð          <svg class="reviews__star reviews__star--
active">Ð          <use xlink:href="img/icons.svg#icon-star"></use>Ð
        </svg>Ð          <svg class="reviews__star reviews__star--
active">Ð          <use xlink:href="img/icons.svg#icon-star"></use>Ð
        </svg>Ð          <svg class="reviews__star reviews__star--
active">Ð          <use xlink:href="img/icons.svg#icon-star"></use>Ð
        </svg>Ð          </div>Ð        </div>Ð      </div>Ð    </section>Ð
    <section class="section-cta">Ð      <div class="cta">Ð        <div
class="cta__img cta__img--logo">Ð          <img src="img/logo-white.png"
alt="Natours logo" class="" />Ð        </div>Ð        <img src="img/
tour-5-2.jpg" alt="" class="cta__img cta__img--1" />Ð        <img src="img/
tour-5-1.jpg" alt="" class="cta__img cta__img--2" />Ð        <div
class="cta__content">Ð        <h2 class="heading-secondary">What are you
waiting for?</h2>Ð
```

```html
<p class="cta__text">Ð                10 days. 1 adventure. Infinite memories. Make it yours today!Ð            </p>Ð         <button class="btn btn--green span-all-rows">Book tour now!</button>Ð        </div>Ð        </div>Ð    </section>Ð    <div class="footer">Ð        <div class="footer__logo">Ð            <img src="img/logo-green.png" alt="Natours logo" />Ð        </div>Ð        <ul class="footer__nav">Ð            <li><a href="#">About us</a></li>Ð            <li><a href="#">Download apps</a></li>Ð            <li><a href="#">Become a guide</a></li>Ð            <li><a href="#">Careers</a></li>Ð            <li><a href="#">Contact</a></li>Ð        </ul>Ð        <p class="footer__copyright">Ð            &copy; by Jonas Schmedtmann. All rights reserved.Ð        </p>Ð    </div>Ð </body>Ð</html>Ð
```

public\css\style.css

```css
:root {
  --section-rotate: 9vw;
  --color-primary: #5B9BD5 ; /* LightBlue */
  --color-secondary: #00008B; /* DarkBlue */
  --color-dark: #444;
  --color-shadow: rgba(0, 0, 0, 0.15);
}
::-moz-selection {
  background-color: var(--color-primary);
  color: #fff;
}
::selection {
  background-color: var(--color-primary);
  color: #fff;
}
*,
*::before,
*::after {
  margin: 0;
  padding: 0;
  -webkit-box-sizing: inherit;
  box-sizing: inherit;
}
html {
  font-size: 62.5%;
  -webkit-box-sizing: border-box;
  box-sizing: border-box;
}
body {
  line-height: 1.6;
  font-weight: 300;
  font-family: 'Lato', sans-serif;
  color: #777;
  padding: 3rem;
  min-height: 100vh;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-orient: vertical;
  -webkit-box-direction: normal;
  -ms-flex-direction: column;
  flex-direction: column;
}
.main {
  background-color: #f7f7f7;
  padding: 5rem 2rem;
  -webkit-box-flex: 1;
  -ms-flex: 1;
  flex: 1;
  position: relative;
}
.flex {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
}
.span-all-rows {
  grid-row: 1 / -1;
}
.container {
  max-width: 120rem;
  margin: 0 auto;
  width: 90%;
  padding: 20px;
}
.ma-bt-md {
  margin-bottom: 3rem !important;
}
.ma-bt-lg {
  margin-bottom: 3.5rem !important;
}
.right {
  text-align: right !important;
}
.line {
  margin: 6rem 0;
  width: 100%;
  height: 1px;
  background-color: #e0e0e0;
}
.alert {
  position: fixed;
  top: 0;
  left: 50%;
  -webkit-transform: translateX(-50%);
  transform: translateX(-50%);
  z-index: 9999;
  color: #fff;
  font-size: 1.8rem;
  font-weight: 400;
  text-align: center;
  border-bottom-left-radius: 5px;
  border-bottom-right-radius: 5px;
  padding: 1.6rem 15rem;
  -webkit-box-shadow: 0 2rem 4rem rgba(0, 0, 0, 0.25);
  box-shadow: 0 2rem 4rem rgba(0, 0, 0, 0.25);
}
.alert--success {
  background-color: #20bf6b;
}
.alert--error {
  background-color: #eb4d4b;
}
.heading-secondary {
  font-size: 2.25rem;
  text-transform: uppercase;
  font-weight: 700;
  background-image: -webkit-gradient(
    linear,
    left top,
    right top,
    from(var(--color-secondary)),
    to(var(--color-primary))
  );
  background-image: linear-gradient(to right, var(--color-secondary), var(--color-primary));
  -webkit-background-clip: text;
  color: transparent;
  letter-spacing: 0.1rem;
  line-height: 1.3;
  display: inline-block;
}
.heading-secondary--error {
  background-image: -webkit-gradient(
    linear,
    left top,
    right top,
    from(#ff7730),
    to(#eb4d4b)
  );
  background-image: linear-gradient(to right, #ff7730, #eb4d4b);
  font-size: 3.5rem;
}
.heading-primary,
.heading-tertirary {
  color: #fff;
  text-transform: uppercase;
  font-weight: 300;
}
.heading-primary span,
.heading-tertirary span {
  padding: 1rem 1.5rem;
  line-height: 1;
  -webkit-box-decoration-break: clone;
  box-decoration-break: clone;
  background-image: -webkit-gradient(
    linear,
    left top,
    right bottom,
    from(rgba(91, 155, 213, 0.85)),
    to(rgba(30, 144, 255, 0.85))
  );
  background-image: linear-gradient(
    to bottom right,
    from(rgba(91, 155, 213, 0.85)),
    to(rgba(30, 144, 255, 0.85))
  );
}
.heading-primary {
  font-size: 5rem;
  text-align: center;
  width: 70%;
  margin: 0 auto;
}
.heading-tertirary {
  font-size: 2.75rem;
  text-align: right;
  position: absolute;
  bottom: 1rem;
  right: 2rem;
  width: 70%;
  z-index: 10;
}
.btn,
.btn:link,
.btn:visited {
  font-size: 1.6rem;
  padding: 1.4rem 3rem;
  border-radius: 10rem;
  text-transform: uppercase;
  display: inline-block;
  text-decoration: none;
  position: relative;
  -webkit-transition: all 0.4s;
  transition: all 0.4s;
  font-weight: 400;
  -webkit-backface-visibility: hidden;
  backface-visibility: hidden;
  /*Add later when we use this for the button in form*/
  border: none;
  cursor: pointer;
}
.btn:hover {
  -webkit-transform: translateY(-3px);
  transform: translateY(-3px);
  -webkit-box-shadow: 0 1rem 2rem rgba(0, 0, 0, 0.15);
  box-shadow: 0 1rem 2rem rgba(0, 0, 0, 0.15);
}
.btn:active {
  -webkit-transform: translateY(-1px);
  transform: translateY(-1px);
  -webkit-box-shadow: 0 0.5rem 1rem rgba(0, 0, 0, 0.15);
  box-shadow: 0 0.5rem 1rem rgba(0, 0, 0, 0.15);
}
.btn:focus {
  outline: none;
  background-color: #00008B;
}
.btn--white {
  background-color: #fff;
  color: #777;
}
.btn--white::after {
  background-color: #fff;
}
.btn--green {
  background-color: var(--color-primary);
  color: #fff;
}
.btn--green::after {
  background-color: var(--color-primary);
}
.btn--small {
  padding: 1.25rem 3rem !important;
  font-size: 1.4rem !important;
}
```

```css
.btn-small, .btn-small:link, .btn-small:visited {
  background-color: var(--color-primary);
  color: #fff;
  font-size: 1.4rem;
  padding: 1.25rem 3rem;
  border-radius: 10rem;
  text-transform: uppercase;
  position: relative;
  -webkit-transition: all 0.2s;
  transition: all 0.2s;
  cursor: pointer;
  text-decoration: none;
  font-weight: 400;
  border: none;
}
.btn-small:hover {
  background-color: var(--color-secondary);
}
.btn-text:link, .btn-text:visited {
  color: var(--color-primary);
  display: inline-block;
  text-decoration: none;
  border-bottom: 1px solid var(--color-primary);
  padding: 3px;
  -webkit-transition: all 0.2s;
  transition: all 0.2s;
}
.btn-text:hover {
  background-color: var(--color-primary);
  color: #fff;
  -webkit-box-shadow: 0 1rem 2rem rgba(0, 0, 0, 0.15);
  box-shadow: 0 1rem 2rem rgba(0, 0, 0, 0.15);
  -webkit-transform: translateY(-2px);
  transform: translateY(-2px);
}
.btn-text:active {
  -webkit-transform: translateY(0);
  transform: translateY(0);
  -webkit-box-shadow: 0 0.5rem 1rem rgba(0, 0, 0, 0.15);
  box-shadow: 0 0.5rem 1rem rgba(0, 0, 0, 0.15);
}
.btn-text:focus {
  outline: none;
  outline: 3px solid var(--color-primary);
  outline-offset: 3px;
}
/* General header styles */
.header {
  background-color: #444;
  padding: 0 5rem;
  height: 8rem;
  display: flex;
  justify-content: space-between;
  align-items: center;
  position: relative;
  z-index: 100;
}
.header__logo img {
  height: 3.5rem;
}
/* Media queries for responsiveness */
@media only screen and (max-width: 62.5em) {
  .header {
    flex-direction: column;
    padding: 2rem;
  }
  .header__logo {
    order: -1;
    margin-bottom: 1.5rem;
  }
  .nav--tours, .nav--user {
    width: 100%;
    justify-content: center;
  }
  .nav__el {
    margin: 0.5rem 0;
  }
}
@media only screen and (max-width: 37.5em) {
  .nav--tours, .nav--user {
    flex-direction: column;
  }
  .nav__el {
    margin: 1rem 0;
  }
}
.section-header {
  position: relative;
  height: 38vw;
  clip-path: polygon(
    0 0,
    100% 0,
    100% calc(100% - var(--section-rotate)),
    0 100%
  );
  -webkit-clip-path: polygon(
    0 0,
    100% 0,
    100% calc(100% - var(--section-rotate)),
    0 100%
  );
}
.header__hero {
  height: 100%;
}
.header__hero-img {
  -o-object-fit: cover;
  object-fit: cover;
  height: 100%;
  width: 100%;
  -o-object-position: 50% 25%;
  object-position: 50% 25%;
}
.header__hero-overlay {
  position: absolute;
  width: 100%;
  height: 100%;
  background-image: -webkit-gradient(
    linear,
    left top,
    right bottom,
    from(var(--color-secondary)),
    to(var(--color-primary))
  );
  background-image: linear-gradient(to right bottom, var(--color-secondary), var(--color-primary));
  opacity: 0.85;
}
.heading-box {
  position: absolute;
  bottom: 13vw;
  left: 50%;
  top: 35%;
  -webkit-transform: translate(-50%, -50%);
  transform: translate(-50%, -50%);
}
.heading-box__group {
  color: #f7f7f7;
  margin-top: 3rem;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-align: center;
  -ms-flex-align: center;
  align-items: center;
  -webkit-box-pack: center;
  -ms-flex-pack: center;
  justify-content: center;
}
.heading-box__detail {
  font-size: 1.5rem;
  font-weight: 700;
  text-transform: uppercase;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-align: center;
  -ms-flex-align: center;
  align-items: center;
  text-shadow: 0 0.5rem 2rem rgba(0, 0, 0, 0.15);
}
.heading-box__detail svg {
  margin-right: 0.8rem;
}
.heading-box__detail:not(:last-child) {
  margin-right: 4rem;
}
.heading-box__icon {
  height: 2rem;
  width: 2rem;
  fill: currentColor;
  -webkit-filter: drop-shadow(0 0.75rem 0.5rem rgba(0, 0, 0, 0.25));
  filter: drop-shadow(0 0.75rem 0.5rem rgba(0, 0, 0, 0.25));
}
.section-description {
  background-color: #fcfcfc;
  margin-top: calc(0px - var(--section-rotate));
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
}
.section-description > * {
  padding: 0 8vw;
  padding-top: 14vw;
  padding-bottom: calc(1vw + var(--section-rotate));
  -webkit-box-flex: 0;
  -ms-flex: 0 0 50%;
  flex: 0 0 50%;
}
.description-box .description {
  margin-right: 5rem;
}
.description-box .description__text {
  font-size: 1.7rem;
}
.description-box .description__text:not(:last-child) {
  margin-bottom: 2rem;
}
.overview-box {
  background-color: #f7f7f7;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: center;
  -ms-flex-pack: center;
  justify-content: center;
}
.overview-box__group:not(:last-child) {
  margin-bottom: 7rem;
}
```

```
.overview-box__detail {Đ font-size: 1.5rem;Đ display: -webkit-box;Đ display:
-ms-flexbox;Đ display: flex;Đ -webkit-box-align: center;Đ -ms-flex-align:
center;Đ align-items: center;Đ font-weight: 400;ĐĐoverview-box__detail svg {Đ
margin-right: 1.25rem;ĐĐoverview-box__detail:not(:last-child) {Đ margin-
bottom: 2.25rem;ĐĐoverview-box__icon {Đ height: 2.25rem;Đ width: 2.25rem;Đ
fill: var(--color-primary);ĐĐoverview-box__label {Đ font-weight: 700;Đ margin-
right: 2.25rem;Đ text-transform: uppercase;Đ font-size: 1.4rem;ĐĐoverview-
box__text {Đ text-transform: capitalize;ĐĐoverview-box__img {Đ border-radius:
50%;Đ height: 3.5rem;Đ margin-right: 1.25rem;ĐĐsection-pictures {Đ display: -
webkit-box;Đ display: -ms-flexbox;Đ display: flex;Đ clip-path: polygon(Đ    0
var(--section-rotate),Đ    100% 0,Đ   100% calc(100% - var(--section-rotate)),Đ
   0 100%Đ );Đ -webkit-clip-path: polygon(Đ    0 var(--section-rotate),Đ
100% 0,Đ    100% calc(100% - var(--section-rotate)),Đ    0 100%Đ );Đ margin-
top: calc(0px - var(--section-rotate));Đ position: relative;Đ z-index: 1000;ĐĐ
.picture-box__img {Đ display: block;Đ width: 100%;Đ height: 110%;Đ -o-object-
fit: cover;Đ object-fit: cover;ĐĐpicture-box__img--1 {Đ padding-top: 15%;ĐĐ
.picture-box__img--2 {Đ padding-bottom: 15%;ĐĐpicture-box__img--3 {Đ padding-
bottom: 27%;ĐĐsection-map {Đ position: relative;Đ height: 65rem;Đ margin-top:
calc(0px - var(--section-rotate));ĐĐmap {Đ position: absolute;Đ top: 0;Đ
bottom: 0;Đ width: 100%;ĐĐmarker {Đ background-image: url('../img/pin.png');Đ
background-size: cover;Đ width: 32px;Đ height: 40px;Đ cursor: pointer;ĐĐ
.mapboxgl-popup {Đ max-width: 25rem;ĐĐmapboxgl-popup-content {Đ text-align:
center;Đ font-family: 'Lato', sans-serif;Đ padding: 1.5rem !important;Đ font-
size: 1.4rem;Đ -webkit-box-shadow: 0 1rem 3rem rgba(0, 0, 0, 0.15) !important;Đ
  box-shadow: 0 1rem 3rem rgba(0, 0, 0, 0.15) !important;ĐĐsection-reviews {Đ
margin-top: calc(0px - var(--section-rotate));Đ padding: calc(5rem + var(--
section-rotate)) 0;Đ position: relative;Đ z-index: 1000;Đ background: -webkit-
gradient(Đ    linear,Đ    left top,Đ    right bottom,Đ    from(var(--color-
secondary)),Đ    to(var(--color-primary))Đ );Đ background: linear-gradient(to
right bottom, var(--color-secondary), var(--color-primary));Đ clip-path:
polygon(Đ    0 var(--section-rotate),Đ    100% 0,Đ    100% calc(100% - var(--
section-rotate)),Đ    0 100%Đ );Đ -webkit-clip-path: polygon(Đ    0 var(--
section-rotate),Đ    100% 0,Đ    100% calc(100% - var(--section-rotate)),Đ    0
100%Đ );ĐĐreviews {Đ padding: 5rem 0;Đ display: grid;Đ grid-column-gap: 6rem;Đ
  grid-auto-flow: column;Đ overflow-x: scroll;Đ -ms-scroll-snap-type: x
mandatory;Đ scroll-snap-type: x mandatory;ĐĐreviews__card {Đ width: 30rem;Đ
padding: 4rem;Đ background-color: #f7f7f7;Đ border-radius: 3px;Đ -webkit-box-
shadow: 0 1.5rem 4rem rgba(0, 0, 0, 0.15);Đ box-shadow: 0 1.5rem 4rem rgba(0,
0, 0, 0.15);Đ scroll-snap-align: center;Đ display: -webkit-box;Đ display: -ms-
flexbox;Đ display: flex;Đ -webkit-box-orient: vertical;Đ -webkit-box-
direction: normal;Đ -ms-flex-direction: column;Đ flex-direction: column;Đ -
webkit-box-align: center;Đ -ms-flex-align: center;Đ align-items: center;ĐĐ
.reviews:before,Đreviews:after {Đ content: '';Đ width: 2rem;ĐĐreviews__avatar
{Đ display: -webkit-box;Đ display: -ms-flexbox;Đ display: flex;Đ -webkit-box-
align: center;Đ -ms-flex-align: center;Đ align-items: center;Đ margin-bottom:
2rem;ĐĐreviews__avatar-img {Đ height: 4.5rem;Đ border-radius: 50%;Đ margin-
right: 1.5rem;ĐĐreviews__user {Đ font-size: 1.5rem;Đ font-weight: 700;Đ text-
transform: uppercase;ĐĐreviews__text {Đ font-size: 1.5rem;Đ margin-bottom:
2rem;Đ font-style: italic;Đ font-weight: 400;ĐĐreviews__rating {Đ margin-top:
auto;Đ display: -webkit-box;Đ display: -ms-flexbox;Đ display: flex;ĐĐ
.reviews__star {Đ height: 2rem;Đ width: 2rem;Đ margin-right: 1px;ĐĐ
.reviews__star--active {Đ fill: var(--color-primary);ĐĐreviews__star--
inactive {Đ fill: #bbb;ĐĐsection-cta {Đ margin-top: calc(0px - var(--section-
rotate));Đ padding: 3rem;Đ padding-bottom: 11rem;Đ padding-top: calc(15rem +
var(--section-rotate));Đ background-color: #f7f7f7;ĐĐcta {Đ position:
relative;Đ max-width: 105rem;Đ margin: 0 auto;Đ overflow: hidden;Đ background-
color: #fff;Đ padding: 9rem 5rem 9rem 21rem;Đ border-radius: 2rem;Đ -webkit-
box-shadow: 0 3rem 8rem 0.5rem rgba(0, 0, 0, 0.15);Đ box-shadow: 0 3rem 8rem
0.5rem rgba(0, 0, 0, 0.15);ĐĐcta__img {Đ height: 15rem;Đ width: 15rem;Đ
position: absolute;Đ
```

```
                    left: 0;Ð top: 50%;Ð border-radius: 50%;Ð -webkit-box-
shadow: 1rem 0.5rem 3rem rgba(0, 0, 0, 0.15);Ð box-shadow: 1rem 0.5rem 3rem
rgba(0, 0, 0, 0.15);ÐÐcta__img--logo {Ð padding: 2rem;Ð display: -webkit-box;Ð
 display: -ms-flexbox;Ð display: flex;Ð -webkit-box-align: center;Ð -ms-flex-
align: center;Ð align-items: center;Ð -webkit-box-pack: center;Ð -ms-flex-
pack: center;Ð justify-content: center;Ð background: -webkit-gradient(Ð
linear,Ð   left top,Ð   right bottom,Ð   from(var(--color-secondary)),Ð
to(var(--color-primary))Ð );Ð background: linear-gradient(to right bottom,
var(--color-secondary), var(--color-primary));Ð z-index: 10;Ð -webkit-
transform: translate(-35%, -50%);Ð transform: translate(-35%, -50%);ÐÐ
.cta__img--logo img {Ð width: 100%;ÐÐcta__img--1 {Ð -webkit-transform:
translate(-10%, -50%) scale(0.97);Ð transform: translate(-10%, -50%)
scale(0.97);Ð z-index: 9;ÐÐcta__img--2 {Ð -webkit-transform: translate(15%,
-50%) scale(0.94);Ð transform: translate(15%, -50%) scale(0.94);Ð z-index: 8;ÐÐ
.cta__content {Ð display: grid;Ð grid-template-rows: auto auto;Ð grid-
template-columns: 1fr auto;Ð grid-gap: 0.7rem;Ð grid-auto-flow: column;Ð -
webkit-box-align: center;Ð -ms-flex-align: center;Ð align-items: center;ÐÐ
.cta__text {Ð font-size: 1.9rem;Ð font-weight: 400;ÐÐuser-view {Ð background-
color: #fff;Ð max-width: 120rem;Ð margin: 0 auto;Ð min-height: 100vh;Ð border-
radius: 3px;Ð overflow: hidden;Ð -webkit-box-shadow: 0 2.5rem 8rem 2rem
rgba(0, 0, 0, 0.07);Ð box-shadow: 0 2.5rem 8rem 2rem rgba(0, 0, 0, 0.07);Ð
display: -webkit-box;Ð display: -ms-flexbox;Ð display: flex;ÐÐuser-view__menu
{Ð -webkit-box-flex: 32rem;Ð -ms-flex: 32rem 0 0px;Ð flex: 32rem 0 0;Ð
background-image: -webkit-gradient(Ð   linear,Ð   left top,Ð   right bottom,Ð
   from(var(--color-secondary)),Ð   to(var(--color-primary))Ð );Ð background-
image: linear-gradient(to right bottom, var(--color-secondary), var(--color-
primary));Ð padding: 4rem 0;ÐÐuser-view__content {Ð -webkit-box-flex: 1;Ð -ms-
flex: 1;Ð flex: 1;Ð padding: 7rem 0;ÐÐuser-view__form-container {Ð max-width:
68rem;Ð margin: 0 auto;Ð padding: 0 8rem;ÐÐuser-row {Ð display: flex;Ð align-
items: center;Ð justify-content: space-between;Ð padding: 10px;Ð border-
bottom: 1px solid #ccc;ÐÐuser-info {Ð display: flex;Ð align-items: center;ÐÐ
.user-info img {Ð border-radius: 50%;Ð width: 50px;Ð height: 50px;Ð margin-
right: 10px;ÐÐuser-actions button {Ð margin-left: 10px;Ð padding: 5px 10px;Ð
border: none;Ð cursor: pointer;ÐÐdelete-btn {Ð background-color: red;Ð color:
white;ÐÐfooter {Ð background-color: #f7f7f7;Ð padding: 6rem 4rem 3rem 4rem;Ð
font-size: 1.4rem;Ð display: grid;Ð grid-template-columns: auto auto;Ð grid-
row-gap: 0.75rem;Ð -webkit-box-pack: justify;Ð -ms-flex-pack: justify;Ð
justify-content: space-between;ÐÐmedia only screen and (max-width: 50em) {Ð
  .footer {Ð   grid-template-columns: 1fr;Ð   grid-row-gap: 1.25rem;Ð
justify-items: center;Ð }ÐÐfooter__logo {Ð grid-row: 1 / 3;Ð -ms-flex-item-
align: center;Ð align-self: center;ÐÐmedia only screen and (max-width: 50em) {Ð
  .footer__logo {Ð   grid-row: 1;Ð }ÐÐfooter__logo img {Ð height: 3rem;ÐÐ
.footer__nav {Ð list-style: none;Ð display: -webkit-box;Ð display: -ms-
flexbox;Ð display: flex;Ð justify-content: flex-end;ÐÐfooter__nav li {Ð
margin-left: 1.5rem;ÐÐfooter__nav a {Ð color: #777;Ð text-decoration: none !
important;Ð -webkit-transition: all 0.2s;Ð transition: all 0.2s;ÐÐfooter__nav
a:hover,Ðfooter__nav a:active {Ðolor: var(--color-primary);ÐÐ
.footer__copyright {Ð justify-self: end;Ð color: #999;ÐÐmedia only screen and
(max-width: 50em) {Ð .footer__copyright {Ð   justify-self: center;Ð }ÐÐnav {Ð
display: -webkit-box;Ð display: -ms-flexbox;Ð display: flex;Ð -webkit-box-
align: center;Ð -ms-flex-align: center;Ð align-items: center;ÐÐmedia only
screen and (max-width: 37.5em) {Ð .nav {Ð   -webkit-box-orient: vertical;Ð   -
webkit-box-direction: normal;Ð   -ms-flex-direction: column;Ð   flex-
direction: column;Ð }ÐÐnav--tours {Ð -webkit-box-flex: 0;Ð -ms-flex: 0 1 40%;Ð
  flex: 0 1 40%;ÐÐmedia only screen and (max-width: 62.5em) {Ð .nav--tours {Ð
    margin-bottom: 1.5rem;Ð }ÐÐmedia only screen and (max-width: 37.5em) {Ð
  .nav--tours {Ð   margin-bottom: 0;Ð }ÐÐnav--user {Ð -webkit-box-flex: 0;Ð -
ms-flex: 0 1 40%;Ð flex: 0 1 40%;Ð -webkit-box-pack: end;Ð -ms-flex-pack: end;Ð
  justify-content: flex-end;ÐÐnav__el,Ðnav__el:link,Ðnav__el:visited {Ð
color: #f7f7f7;Ð
```

```
          text-transform: uppercase;Đ font-size: 1.6rem;Đ text-
decoration: none;Đ display: -webkit-inline-box;Đ display: -ms-inline-flexbox;Đ
  display: inline-flex;Đ -webkit-box-align: center;Đ -ms-flex-align: center;Đ
align-items: center;Đ -webkit-transition: all 0.2s;Đ transition: all 0.2s;Đ
font-weight: 400;Đ background: none;Đ border: none;Đ cursor: pointer;Đ font-
family: inherit;ĐĐnav__el:hover,Đnav__el:active {Đ -webkit-transform:
translateY(-2px);Đ transform: translateY(-2px);Đ text-shadow: 0 0.7rem 1rem
black;ĐĐnav__el:not(:last-child) {Đ margin-right: 3rem;ĐĐmedia only screen
and (max-width: 37.5em) {Đ .nav__el:not(:last-child) {Đ   margin-right: 0;Đ
margin-bottom: 1.2rem;Đ }ĐĐnav__el:focus {Đ outline: none;ĐĐnav__el--cta {Đ
padding: 1rem 3rem;Đ border-radius: 10rem;Đ border: 1px solid currentColor !
important;Đ -webkit-transition: all 0.3s;Đ transition: all 0.3s;ĐĐnav__el--
cta:hover {Đ background-color: #f7f7f7;Đ color: #777;Đ text-shadow: none;Đ
border-color: #f7f7f7;ĐĐnav__search {Đ display: -webkit-box;Đ display: -ms-
flexbox;Đ display: flex;Đ -webkit-box-align: center;Đ -ms-flex-align: center;Đ
  align-items: center;ĐĐmedia only screen and (max-width: 37.5em) {Đ
  .nav__search {Đ   -webkit-box-ordinal-group: 0;Đ   -ms-flex-order: -1;Đ
order: -1;Đ   margin-bottom: 1.2rem;Đ }ĐĐnav__search-btn {Đ background: none;Đ
  border: none;Đ margin-right: 0.8rem;Đ -webkit-transform: translateY(1px);Đ
transform: translateY(1px);ĐĐnav__search-btn svg {Đ height: 2rem;Đ width:
2rem;Đ fill: #f7f7f7;ĐĐnav__search-input {Đ font-family: inherit;Đ font-
weight: inherit;Đ text-transform: uppercase;Đ background: none;Đ border: none;Đ
  font-size: 1.5rem;Đ color: #f7f7f7;Đ padding-bottom: 3px;Đ border-bottom:
1px solid #999;Đ width: 18rem;Đ -webkit-transition: all 0.3s;Đ transition:
all 0.3s;ĐĐnav__search-input::-webkit-input-placeholder {Đ color: #999;ĐĐ
.nav__search-input:-ms-input-placeholder {Đ color: #999;ĐĐnav__search-input::-
ms-input-placeholder {Đ color: #999;ĐĐnav__search-input::placeholder {Đ
color: #999;ĐĐnav__search-input:focus {Đ outline: none;Đ width: 25rem;Đ
border-bottom: 1px solid currentColor;ĐĐnav__user-img {Đ height: 3.5rem;Đ
width: 3.5rem;Đ border-radius: 50%;Đ margin-right: 1rem;ĐĐside-nav {Đ list-
style: none;ĐĐside-nav li {Đ margin: 1rem 0;Đ border-left: 0 solid #fff;Đ -
webkit-transition: all 0.3s;Đ transition: all 0.3s;ĐĐside-nav--active,Đside-
nav li:hover {Đ border-left: 4px solid #fff !important;ĐĐside-nav--active a {Đ
  -webkit-transform: translateX(-3px);Đ transform: translateX(-3px);ĐĐside-
nav a:link,Đside-nav a:visited {Đ padding: 1rem 4rem;Đ display: -webkit-box;Đ
display: -ms-flexbox;Đ display: flex;Đ -webkit-box-align: center;Đ -ms-flex-
align: center;Đ align-items: center;Đ color: #fff;Đ font-size: 1.5rem;Đ text-
transform: uppercase;Đ font-weight: 400;Đ text-decoration: none;Đ -webkit-
transition: all 0.3s;Đ transition: all 0.3s;ĐĐside-nav a:hover,Đside-nav
a:active {Đ -webkit-transform: translateX(3px);Đ transform: translateX(3px);ĐĐ
.side-nav svg {Đ height: 1.9rem;Đ width: 1.9rem;Đ fill: #f7f7f7;Đ margin-
right: 2rem;ĐĐadmin-nav {Đ margin-top: 5.5rem;ĐĐadmin-nav__heading {Đ margin:
0 5rem 1.5rem 4rem;Đ padding-bottom: 3px;Đ font-size: 1.2rem;Đ text-
transform: uppercase;Đ color: #f2f2f2;Đ border-bottom: 1px solid currentColor;Đ
}Đcard-container {Đ max-width: 120rem;Đ margin: 0 auto;Đ display: flex;Đ flex-
wrap: wrap;Đ justify-content: space-between;ĐĐcard {Đ border-radius: 3px;Đ
overflow: hidden;Đ -webkit-box-shadow: 0 1.5rem 4rem rgba(0, 0, 0, 0.1);Đ box-
shadow: 0 1.5rem 4rem rgba(0, 0, 0, 0.1);Đ background-color: #fff;Đ -webkit-
transition: 0.3s all;Đ transition: 0.3s all;Đ -webkit-backface-visibility:
hidden;Đ backface-visibility: hidden;Đ display: -webkit-box;Đ display: -ms-
flexbox;Đ display: flex;Đ -webkit-box-orient: vertical;Đ -webkit-box-
direction: normal;Đ -ms-flex-direction: column;Đ flex-direction: column;Đ
flex: 1 1 calc(33.333% - 1rem); /* Default to 3 cards per row */Đ margin:
0.5rem;ĐĐcard:hover {Đ -webkit-transform: translateY(-1rem);Đ transform:
translateY(-1rem);Đ -webkit-box-shadow: 0 2rem 4rem rgba(0, 0, 0, 0.2);Đ box-
shadow: 0 2rem 4rem rgba(0, 0, 0, 0.2);ĐĐmedia (max-width: 1200px) {Đ .card {Đ
   flex: 1 1 calc(50% - 1rem); /* 2 cards per row for screens smaller than
1200px */Đ }ĐĐmedia (max-width: 768px) {Đ .card {Đ   flex: 1 1 calc(100% -
1rem); /* 1 card per row for screens smaller than 768px */Đ }ĐĐcard__header {Đ
  position: relative;Đ
```

```
                    }Ðcard__picture {Ð position: relative;Ð -webkit-clip-
path: polygon(0 0, 100% 0%, 100% 83%, 0% 98%);Ð clip-path: polygon(0 0, 100%
0%, 100% 83%, 0% 98%);Ð height: 22rem;}Ðcard__picture-overlay {Ð position:
absolute;Ð width: 100%;Ð height: 100%;Ð background-image: -webkit-gradient(Ð
    linear,Ð    left top,Ð    right bottom,Ðfrom(var(--color-secondary)),Ð
to(var(--color-primary))Ð );Ð background-image: linear-gradient(to right
bottom, var(--color-secondary), var(--color-primary));Ð opacity: 0.7;}Ð
.card__picture-img {Ð -o-object-fit: cover;Ð object-fit: cover;Ð height: 100%;Ð
  width: 100%;}Ðcard__details {Ð display: grid;Ð grid-template-columns: 1fr
1fr;Ð grid-row-gap: 1.75rem;Ð grid-column-gap: 2rem;Ð padding: 2.5rem 3rem;}Ð
.card__sub-heading {Ð font-size: 1.2rem;Ð text-transform: uppercase;Ð font-
weight: 700;Ð grid-column: 1 / -1;}Ðcard__text {Ð grid-column: 1 / -1;Ð font-
size: 1.5rem;Ð font-style: italic;Ð margin-top: -1rem;Ð margin-bottom:
0.75rem;}Ðcard__data {Ð font-size: 1.3rem;Ð display: -webkit-box;Ð display: -
ms-flexbox;Ð display: flex;Ð -webkit-box-align: center;Ð -ms-flex-align:
center;Ð align-items: center;}Ðcard__data svg {Ð margin-right: 0.7rem;}Ð
.card__icon {Ð height: 2rem;Ð width: 2rem;Ð fill: var(--color-primary);}Ð
.card__footer {Ð background-color: #f7f7f7;Ð padding: 2.5rem 3rem;Ð border-
top: 1px solid #f1f1f1;Ð font-size: 1.4rem;Ð display: grid;Ð grid-template-
columns: auto 1fr;Ð grid-column-gap: 1rem;Ð grid-row-gap: 1rem;Ð margin-top:
auto;}Ðcard__footer-value {Ð font-weight: 700;}Ðcard__footer-text {Ð color:
#999;}Ðcard__ratings {Ð grid-row: 2 / 3;}Ðcard .btn-small,Ðcard .btn {Ð grid-
row: 1 / 3;Ð justify-self: end;Ð -ms-flex-item-align: center;Ð align-self:
center;}Ðerror {Ð position: absolute;Ð top: 35%;Ð left: 50%;Ð -webkit-
transform: translate(-50%, -50%);Ð transform: translate(-50%, -50%);Ð max-
width: 80rem;Ð text-align: center;}Ðerror__title {Ð display: -webkit-box;Ð
display: -ms-flexbox;Ð display: flex;Ð -webkit-box-align: center;Ð -ms-flex-
align: center;Ð align-items: center;Ð -webkit-box-pack: center;Ð -ms-flex-
pack: center;Ð justify-content: center;Ð margin-bottom: 1rem;}Ðerror__emoji {Ð
  font-size: 3.75rem;Ð margin-left: 1rem;}Ðerror__msg {Ð font-size: 2.5rem;Ð
font-weight: 700;Ð max-width: 50rem;Ð margin: 0 auto;}Ðlogin-form {Ð margin:
0 auto;Ð max-width: 55rem;Ð background-color: #fff;Ð -webkit-box-shadow: 0
2.5rem 8rem 2rem rgba(0, 0, 0, 0.06);Ð box-shadow: 0 2.5rem 8rem 2rem rgba(0,
0, 0, 0.06);Ð padding: 5rem 7rem;Ð border-radius: 5px;}Ðform__input {Ð
display: block;Ð font-family: inherit;Ð font-size: 1.5rem;Ð color: inherit;Ð
padding: 1.25rem 1.75rem;Ð border: none;Ð width: 100%;Ð background-color:
#fff;Ð background-color: #f2f2f2;Ð border-top: 3px solid transparent;Ð border-
bottom: 3px solid transparent;Ð -webkit-transition: all 0.3s;Ð transition:
all 0.3s;Ð border-radius: 4px;Ð -webkit-box-sizing: border-box;Ð box-sizing:
border-box;Ð /* Pseudo element (a visible thing that isn't really in the DOM).Ð
    Also needs -ms- */}Ðform__input:focus {Ð outline: none;Ð border-bottom:
3px solid var(--color-primary);}Ðform__input:focus:invalid {Ð border-bottom:
3px solid #ff7730;}Ðform__input::-webkit-input-placeholder {Ð color: #bbb;}Ð
.form__group:not(:last-child) {Ð margin-bottom: 2.5rem;}Ðform__label {Ð
display: block;Ð font-size: 1.6rem;Ð font-weight: 700;Ð margin-bottom:
0.75rem;}Ðform__photo-upload {Ð display: -webkit-box;Ð display: -ms-flexbox;Ð
display: flex;Ð -webkit-box-align: center;Ð -ms-flex-align: center;Ð align-
items: center;Ð font-size: 1.6rem;}Ðform__user-photo {Ð height: 7.5rem;Ð
width: 7.5rem;Ð border-radius: 50%;Ð margin-right: 2rem;}Ðform__upload {Ð
width: 0.1px;Ð height: 0.1px;Ð opacity: 0;Ð overflow: hidden;Ð position:
absolute;Ð z-index: -1;}Ðform__upload:focus + label {Ð outline: 3px solid
var(--color-primary);Ð outline-offset: 3px;}Ðform__upload + label {Ðolor:
var(--color-primary);Ð display: inline-block;Ð text-decoration: none;Ð border-
bottom: 1px solid var(--color-primary);Ð padding: 3px;Ð -webkit-transition:
all 0.2s;Ð transition: all 0.2s;Ð cursor: pointer;}Ðform__upload +
label:hover {Ð background-color: var(--color-primary);Ð color: #fff;Ð -webkit-
box-shadow: 0 1rem 2rem rgba(0, 0, 0, 0.15);Ð box-shadow: 0 1rem 2rem rgba(0,
0, 0, 0.15);Ð -webkit-transform: translateY(-2px);Ð transform:
translateY(-2px);}Ð::-webkit-scrollbar {Ð width: 12px;Ð }Ð Ð ::-webkit-
scrollbar-track {Ð
```

```
                    -webkit-box-shadow: inset 0 0 6px rgba(0,0,0,0.3);Ð border-
radius: 10px;Ð }Ð Ð ::-webkit-scrollbar-thumb {Ð border-radius: 10px;Ð -
webkit-box-shadow: inset 0 0 6px rgba(0,0,0,0.5);Ð }Ð
```

.cache\14\748b809fa7811e40076d65d5fa636b.json

{"id":"../../node_modules/core-js/modules/_iterators.js","dependencies":
[{"name":"C:\\Users\\mikae\\Code\\Natours\
\package.json","includedInParent":true,"mtime":1734978983269},{"name":"C:\
\Users\\mikae\\Code\\Natours\\node_modules\\core-js\
\package.json","includedInParent":true,"mtime":1734973200498}],"generated":
{"js":"module.exports = {};\n"},"sourceMaps":{"js":{"mappings":
[{"source":"../../node_modules/core-js/modules/_iterators.js","original":
{"line":1,"column":0},"generated":{"line":1,"column":0}},{"source":"../../
node_modules/core-js/modules/_iterators.js","original":
{"line":2,"column":0},"generated":{"line":2,"column":0}}],"sources":{"../../
node_modules/core-js/modules/_iterators.js":"module.exports = {};\n"},"lineCou
nt":2}},"error":null,"hash":"6e7169e594c6b0e62b9ddf64a001a4ff","cacheData":
{"env":{}}}

.cache\3d\9f97c45a1717bd381871eb1007b880.json

{"id":"../../node_modules/core-js/modules/_object-gops.js","dependencies":
[{"name":"C:\\Users\\mikae\\Code\\Natours\
\package.json","includedInParent":true,"mtime":1734978983269},{"name":"C:\
\Users\\mikae\\Code\\Natours\\node_modules\\core-js\
\package.json","includedInParent":true,"mtime":1734973200498}],"generated":
{"js":"exports.f = Object.getOwnPropertySymbols;\n"},"sourceMaps":{"js":
{"mappings":[{"source":"../../node_modules/core-js/modules/_object-
gops.js","original":{"line":1,"column":0},"generated":{"line":1,"column":0}},
{"source":"../../node_modules/core-js/modules/_object-gops.js","original":
{"line":2,"column":0},"generated":{"line":2,"column":0}}],"sources":{"../../
node_modules/core-js/modules/_object-gops.js":"exports.f =
Object.getOwnPropertySymbols;\n"},"lineCount":2}},"error":null,"hash":"d027832
ca0627b801f9cf7d811674190","cacheData":{"env":{}}}

.cache\4d\6493c7ce74ba46481106b2174693a2.json

{"id":"../../node_modules/core-js/modules/_object-pie.js","dependencies":
[{"name":"C:\\Users\\mikae\\Code\\Natours\
\package.json","includedInParent":true,"mtime":1734978983269},{"name":"C:\
\Users\\mikae\\Code\\Natours\\node_modules\\core-js\
\package.json","includedInParent":true,"mtime":1734973200498}],"generated":
{"js":"exports.f = {}.propertyIsEnumerable;\n"},"sourceMaps":{"js":
{"mappings":[{"source":"../../node_modules/core-js/modules/_object-
pie.js","original":{"line":1,"column":0},"generated":{"line":1,"column":0}},
{"source":"../../node_modules/core-js/modules/_object-pie.js","original":
{"line":2,"column":0},"generated":{"line":2,"column":0}}],"sources":{"../../
node_modules/core-js/modules/_object-pie.js":"exports.f =
{}.propertyIsEnumerable;\n"},"lineCount":2}},"error":null,"hash":"625342edfe83
a9c80ac7b93b3328fb4f","cacheData":{"env":{}}}

.cache\f8\80a3ec043913db5a010a082eb7a400.json

{"id":"../../node_modules/core-js/modules/_library.js","dependencies":
[{"name":"C:\\Users\\mikae\\Code\\Natours\
\package.json","includedInParent":true,"mtime":1734978983269},{"name":"C:\
\Users\\mikae\\Code\\Natours\\node_modules\\core-js\
\package.json","includedInParent":true,"mtime":1734973200498}],"generated":
{"js":"module.exports = false;\n"},"sourceMaps":{"js":{"mappings":
[{"source":"../../node_modules/core-js/modules/_library.js","original":
{"line":1,"column":0},"generated":{"line":1,"column":0}},{"source":"../../
node_modules/core-js/modules/_library.js","original":
{"line":2,"column":0},"generated":{"line":2,"column":0}}],"sources":{"../../
node_modules/core-js/modules/_library.js":"module.exports = false;\n"},"lineCo
unt":2}},"error":null,"hash":"86237f2894f8f4acf26b64569a01bad5","cacheData":
{"env":{}}}

.eslintrc.json

```json
{Ð "extends": ["airbnb", "prettier", "plugin:node/recommended"],Ð "plugins": ["prettier"],Ð "rules": {Ð    "prettier/prettier": "error",Ð    "spaced-comment": "off",Ð    "no-console": 0,Ð    "consistent-return": "off",Ð    "func-names": "off",Ð    "object-shorthand": "off",Ð    "no-process-exit": "off",Ð    "no-param-reassign": "off",Ð    "no-return-await": "off",Ð    "no-underscore-dangle": "off",Ð    "class-methods-use-this": "off",Ð    "prefer-destructuring": ["error", { "object": true, "array": false }],Ð    "no-unused-vars": ["off", { "argsIgnorePattern": "req|res|next|val" }],Ð    "no-lonely-if": "off",Ð    "import/no-extraneous-dependencies": "off"Ð }Ð}Ð
```

dev-data\data\reviews.json

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deserunt mollit anim id est laborum!\nDolor in reprehenderit in voluptate
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eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident,
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dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor
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dev-data\data\users.json

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package.json

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