

Проектная работа по информатике:
“Разработка приложения
для time-management’a”

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Актуальность проекта

>80% людей считают себя перегруженными на работе

Неумение правильно планировать время

Неудобность существующих инструментов планирования

4 часа 25 минут

Неэффективно потраченное время по результатам тестирования “Института Тренинга - АРБ про”

Цели и задачи проекта

Цель проекта:

Разработать программное обеспечение для удобного контроля и планирования времени

Задачи:

- 1. Определить основные методы планирования времени**
- 2. Выбрать и изучить язык программирования и движок**
- 3. Разработать прототип**
- 4. Реализовать приложение, используя полученную в результате исследования информацию**

Основные методы планирования

Анализ ABC

Распределение важности поставленных задач по А,В,С.

А – Наиболее важные дела

В – Важные дела

С – Менее важные задачи

Матрица

Эйзенхауэра

Использование квадрантов для распределения дел по срочности и важности

Метод “Салями”

Разбиение сложных задач на много более мелких и легких

Метод Помодоро

Разделение работы на отрезки времени в 30 минут – “помидоры”. 25 минут из которых затрачивается на работу и 5 минут на отдых

Язык программирования и среда разработки

Язык программирования

Для проекта был выбран язык программирования **ECMAScript**. Данный язык прост в изучении и имеет множество готовых инструментов для разработки. Он является дополнением javascript и активно развивается.

Среда разработки

Visual Studio Code – это ”легкий” редактор кода для разработки различных приложений.

Движок

Самым оптимальным вариантом для разработки приложения был выбран движок **React Native**, основанный на React.

Реализация модулей программы

```
import {AppRegistry} from 'react-native';
import {name as appName} from './app.json';
import Main from './src/screens/MainScreen';
import {ApplicationProvider} from '@ui-kitten/components';
import {mapping, light as lightTheme} from '@eva-design/eva';
import React from 'react';

const App = () => (
  <ApplicationProvider mapping={mapping} theme={lightTheme}>
    <Main />
  </ApplicationProvider>
);

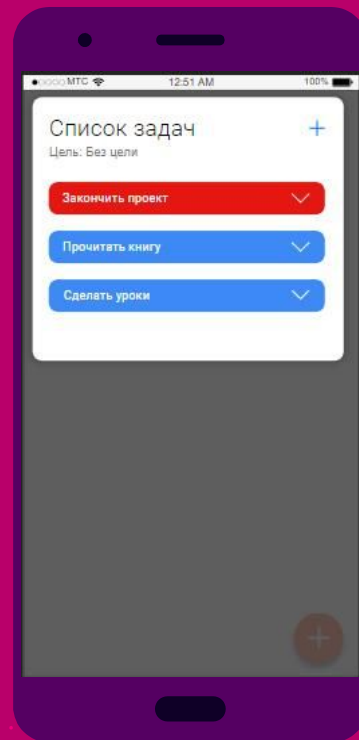
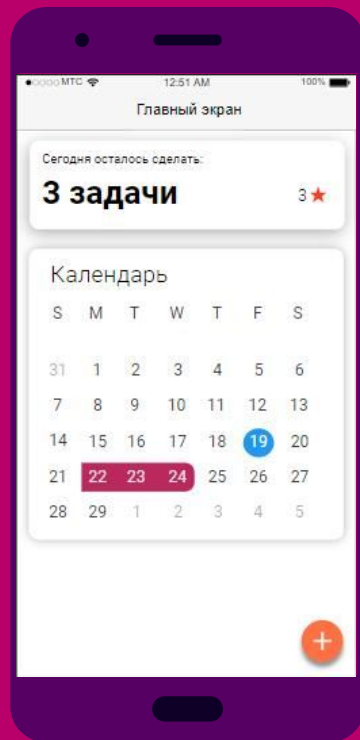
AppRegistry.registerComponent(appName, () => App);
```

(Инициализация главного экрана и темы)

```
render() {
  const {
    containerStyle,
    onPress,
    text,
    fontSize,
    bgColor,
    type,
    textColor,
    fontFamily,
    shadow,
    ...props
  } = this.props;
  return (
    <TouchableOpacity
      onPress={onPress}
      style={[
        style.button,
        this._getButtonStyle(),
        containerStyle,
        shadow && style.buttonShadow,
        bgColor && {backgroundColor: bgColor},
      ]>
      <Text
        containerStyle={
          [
            {
              color: textColor,
              fontSize: normalize(fontSize),
              fontFamily: fontFamily,
            },
            this._getTextStyle(),
          ]
        }>
        {text}
      </Text>
    </TouchableOpacity>
  );
}
```

(Реализация кнопки)

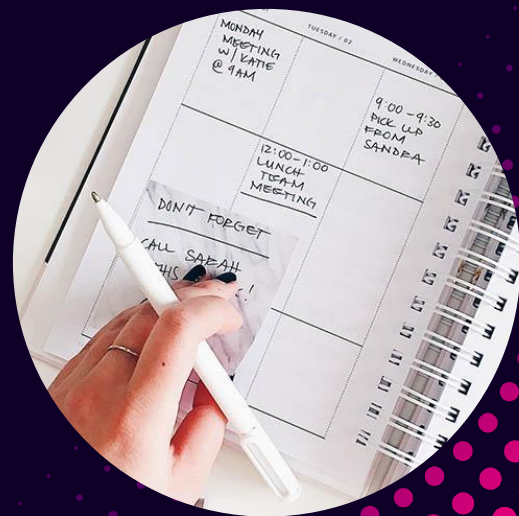
Реализация приложения



Выводы

- ⊗ Были определены методы планирования времени
- ⊗ Разработан прототип
- ⊗ Разработано мобильное приложения автоматизирующая контроль и планирование времени

Спасибо за
внимание



HELLO!

I am Jayden Smith

I am here because I love to give presentations.

You can find me at @username





1.

TRANSITION HEADLINE

Let's start with the first set of slides



Quotations are commonly printed as a means of **inspiration** and to invoke philosophical thoughts from the reader.

BIG CONCEPT

Bring the attention of your audience over a key concept using icons or illustrations



YOU CAN ALSO SPLIT YOUR CONTENT

White

Is the color of milk and fresh snow, the color produced by the combination of all the colors of the visible spectrum.

Black

Is the color of coal, ebony, and of outer space. It is the darkest color, the result of the absence of or complete absorption of light.

A PICTURE IS WORTH A THOUSAND WORDS

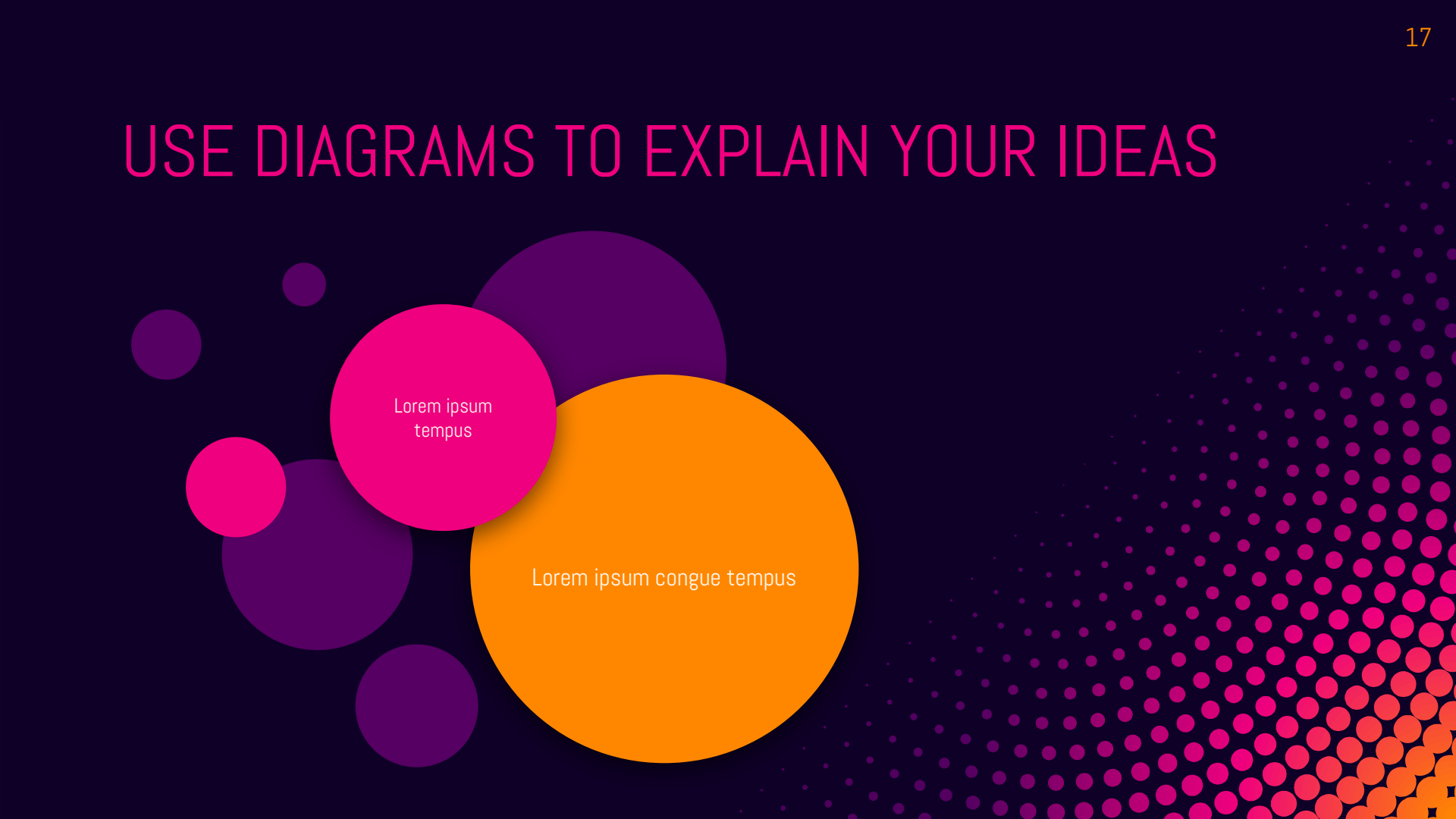
A complex idea can be conveyed with just a single still image, namely making it possible to absorb large amounts of data quickly.



A vibrant nightclub scene with a DJ and a crowd. The DJ is on a stage, illuminated by blue and purple lights, with a laptop and DJ equipment. The crowd is in the foreground, silhouetted against the bright stage lights. The atmosphere is energetic and festive. The text 'WANT BIG IMPACT? USE BIG IMAGE.' is overlaid in the bottom left corner in a bright pink color.

WANT BIG IMPACT?
USE BIG IMAGE.

USE DIAGRAMS TO EXPLAIN YOUR IDEAS

The slide features a dark blue background. On the left, there are several overlapping circles in shades of purple, magenta, and orange. The largest circle is orange and contains the text 'Lorem ipsum congue tempus'. Above it, a smaller magenta circle contains 'Lorem ipsum tempus'. To the right, a dense pattern of small dots in shades of purple and magenta transitions from the left towards the right edge of the slide.

Lorem ipsum
tempus

Lorem ipsum congue tempus

AND TABLES TO COMPARE DATA

	A	B	C
Yellow	10	20	7
Blue	30	15	10
Orange	5	24	16

MAPS



89,526,124

Whoa! That's a big number, aren't you proud?

89,526,124\$

That's a lot of money

185,244 users

And a lot of users

100%

Total success!



OUR PROCESS IS EASY

1

Vestibulum congue tempus

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor. Donec facilisis lacus eget mauris.

2

Vestibulum congue tempus

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor. Donec facilisis lacus eget mauris.

3

Vestibulum congue tempus

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor. Donec facilisis lacus eget mauris.

LET'S REVIEW SOME CONCEPTS

Yellow

Is the color of gold, butter and ripe lemons. In the spectrum of visible light, yellow is found between green and orange.

Blue

Is the colour of the clear sky and the deep sea. It is located between violet and green on the optical spectrum.

Red

Is the color of blood, and because of this it has historically been associated with sacrifice, danger and courage.

Yellow

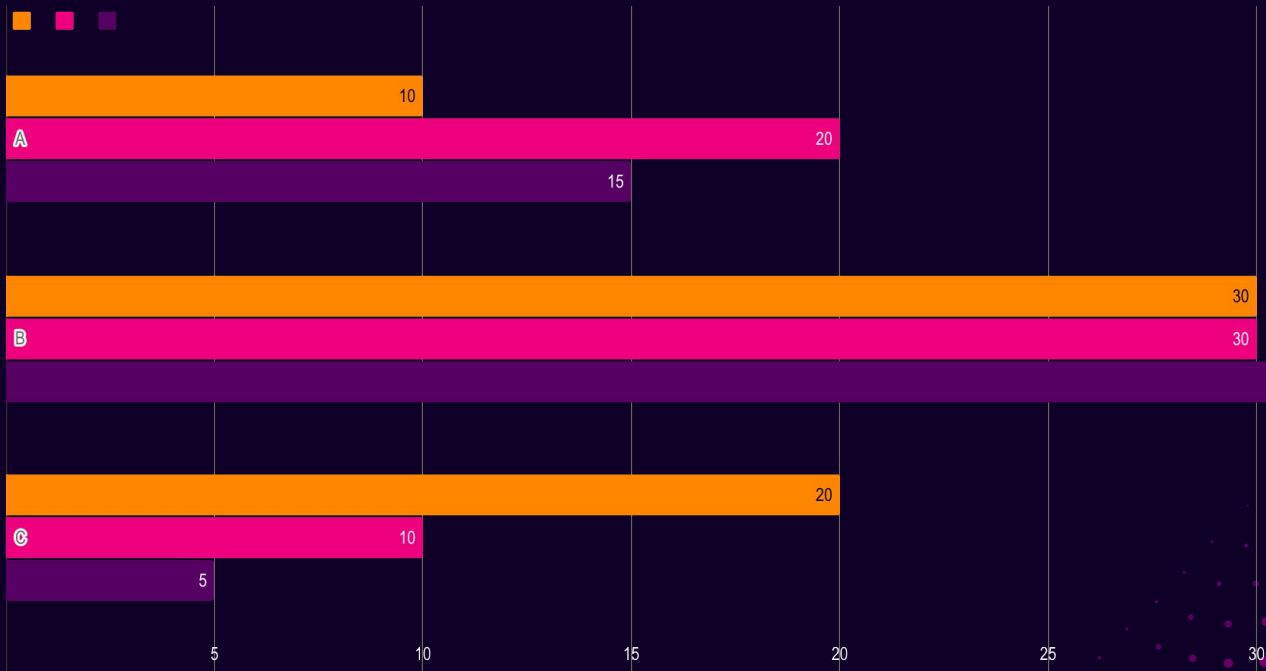
Is the color of gold, butter and ripe lemons. In the spectrum of visible light, yellow is found between green and orange.

Blue

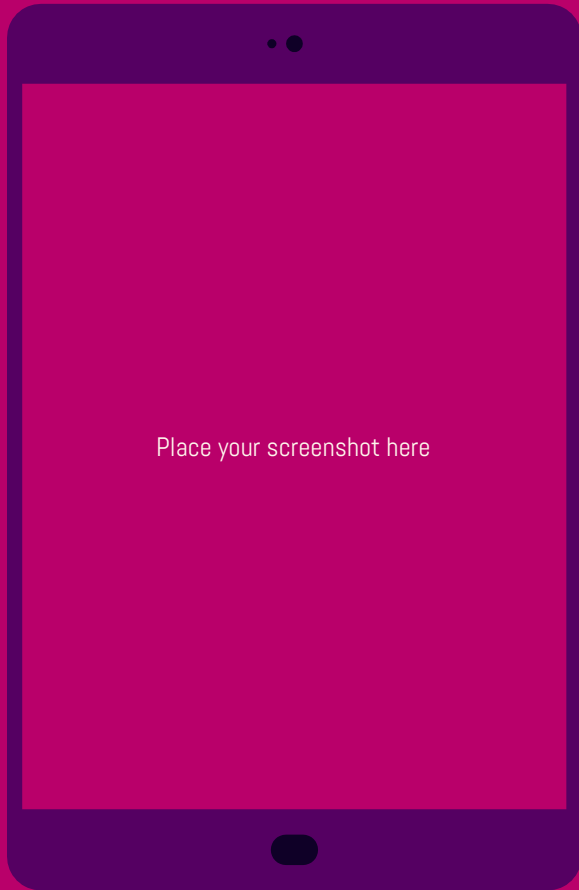
Is the colour of the clear sky and the deep sea. It is located between violet and green on the optical spectrum.

Red

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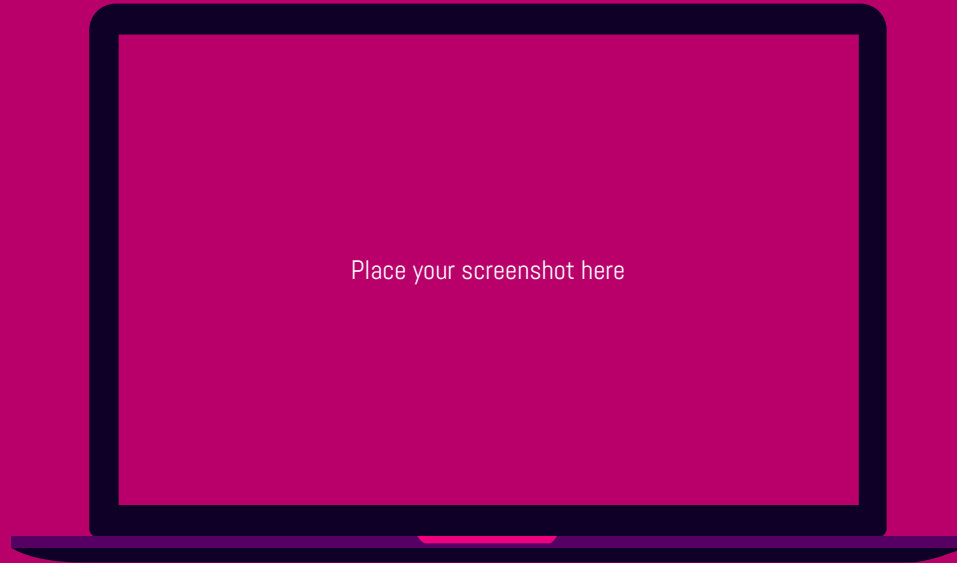


You can insert graphs from [Google Sheets](#)



TABLET PROJECT

Show and explain your web, app or software projects using these gadget templates.



DESKTOP PROJECT

Show and explain your web, app or software projects using these gadget templates.

CREDITS

Special thanks to all the people who made and released these awesome resources for free:

- ⊗ Presentation template by [SlidesCarnival](#)
- ⊗ Photographs by [Unsplash](#)

PRESENTATION DESIGN

This presentation uses the following typographies and colors:

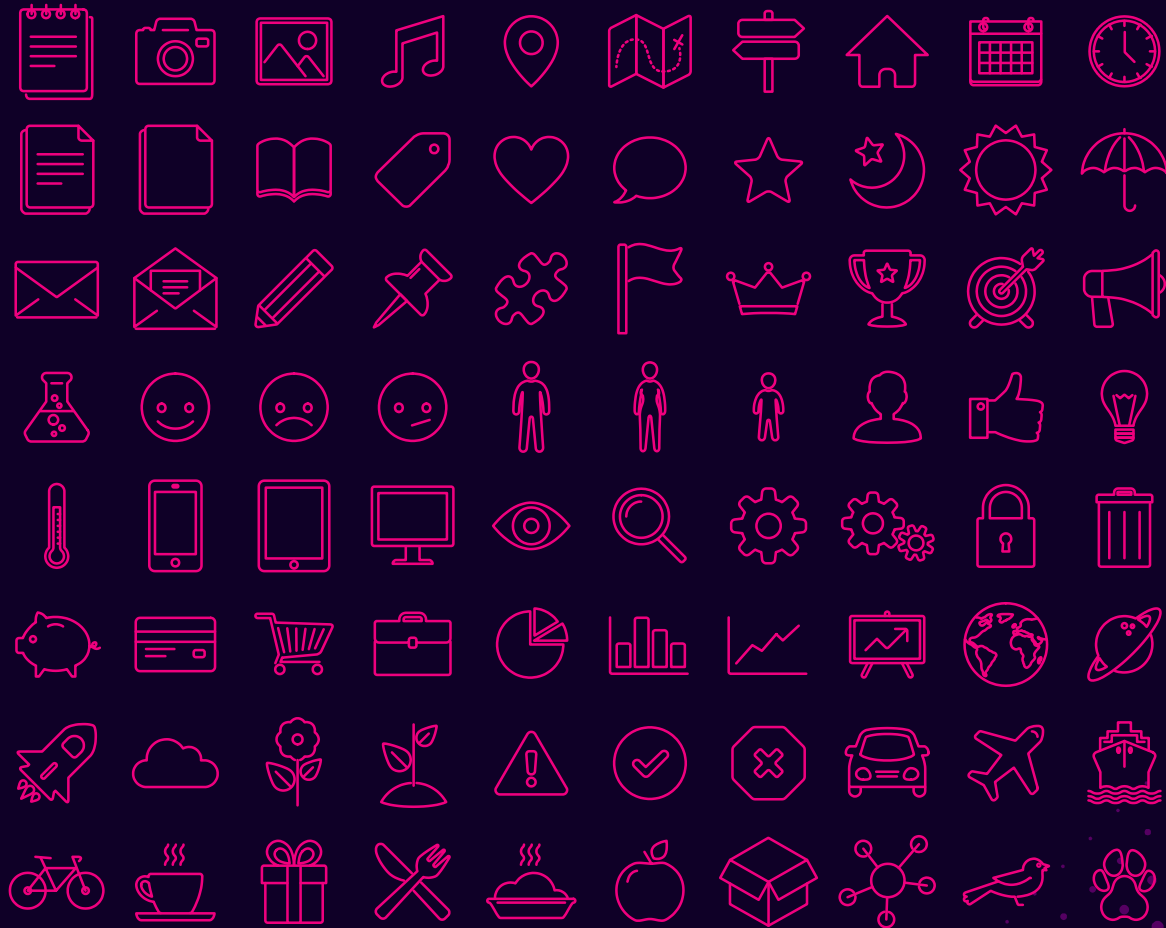
- ⊗ Titles: Abel
- ⊗ Body copy: Abel

You can download the font on this page:

<https://www.fontsquirrel.com/fonts/abel>

Orange **#ff8700** · Magenta **#ef007e** · Purple **#550062**

You don't need to keep this slide in your presentation. It's only here to serve you as a design guide if you need to create new slides or download the fonts to edit the presentation in PowerPoint®



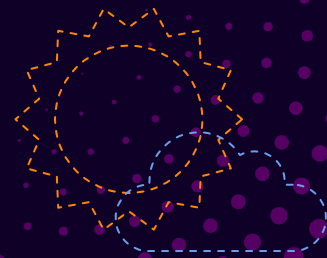
SlidesCarnival icons are editable shapes.

This means that you can:

- ⦿ Resize them without losing quality.
- ⦿ Change fill color and opacity.
- ⦿ Change line color, width and style.

Isn't that nice? :)

Examples:



Now you can use any emoji as an icon!

And of course it resizes without losing quality and you can change the color.

How? Follow Google instructions

<https://twitter.com/googledocs/status/730087240156643328>



many more...



Free templates for all your presentation needs



For PowerPoint and
Google Slides



100% free for personal
or commercial use



Ready to use,
professional and
customizable



Blow your audience
away with attractive
visuals