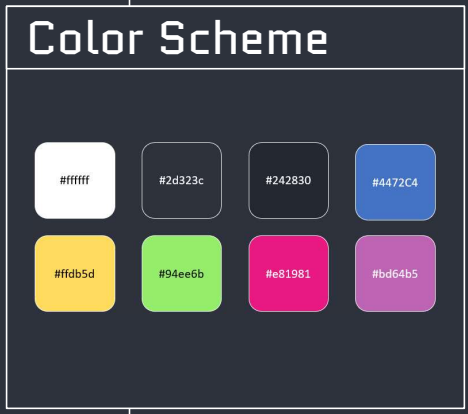
</ Code Crusader – Quiz_App />



Anton Wagg, Tim Hötzel

</ Outline

{01}
Value Proposition

{02}
Software Architectur

{03}
Key Design Decisions

{04}
Development Priorities

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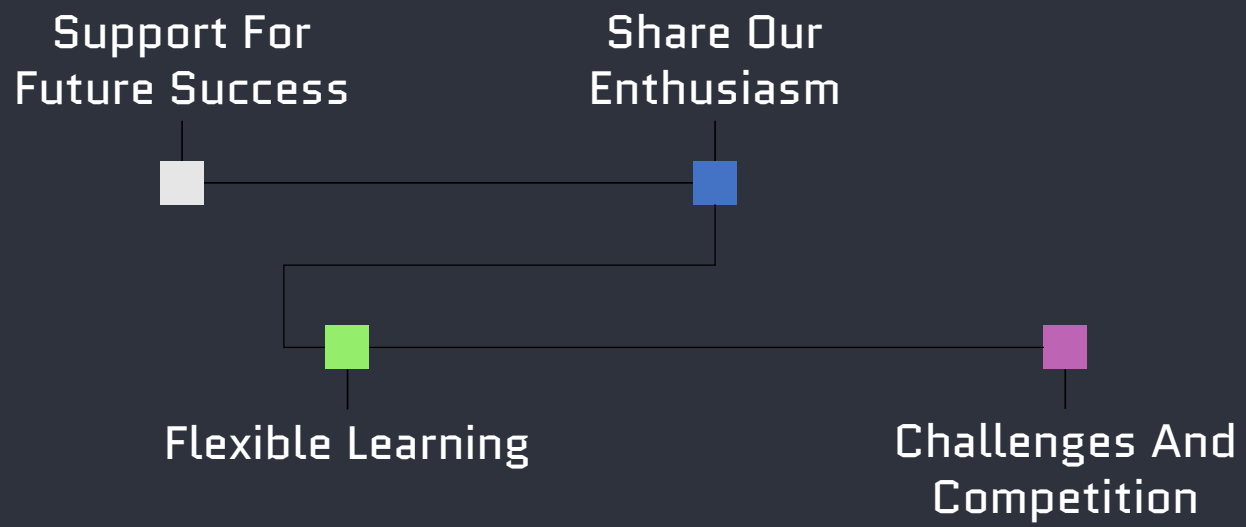
1000011 1101111 1100100 1100101 100000 1000011 1110010 1110101 1110011 1100001 1100100 1100101 1110010 1110011 1101 1010

</ Value Proposition



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</ Persona

} /> [

Lea, 16
Student

Background
- Range of intrests
- Strives to achive good grades
- Continously expand her knowledge
- Open to new learning methods
- Good attitude towards technology

Demographics
- Family Background: Middle-class
- Urban/ Suburban Area
- Language: German (PL), Englisch, Latin
- Attends Gymnasium 11th Grade

Open Minded | Motivated | Inquisitive | Ambitious

Goals

Good Grades

Expand knowlage

Learn New Topics

Pleasant Learning Environment

Challenges

Time Management

Motivation

Persona-lization

Real Quote

„Learning doesn‘t have to be boring! I believe that when education is engaging and interactive, it becomes so much more enjoyable and effective.“

What Can We Do

New Enviroment

Expand Knowlage

Persona-lization

Learn Playfully

Motivation

</ Software Architektur

Login

Register

/>

} /> [

</ Software Architektur

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</ Software Architektur

Login

Register

Home-Screen

Rush Mode

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} /> [

</ Software Architektur

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Home-Screen

Rush Mode

General Knowla
Mode

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</ Software Architektur

-Screen

Rush Mode

General Knowlage Mode

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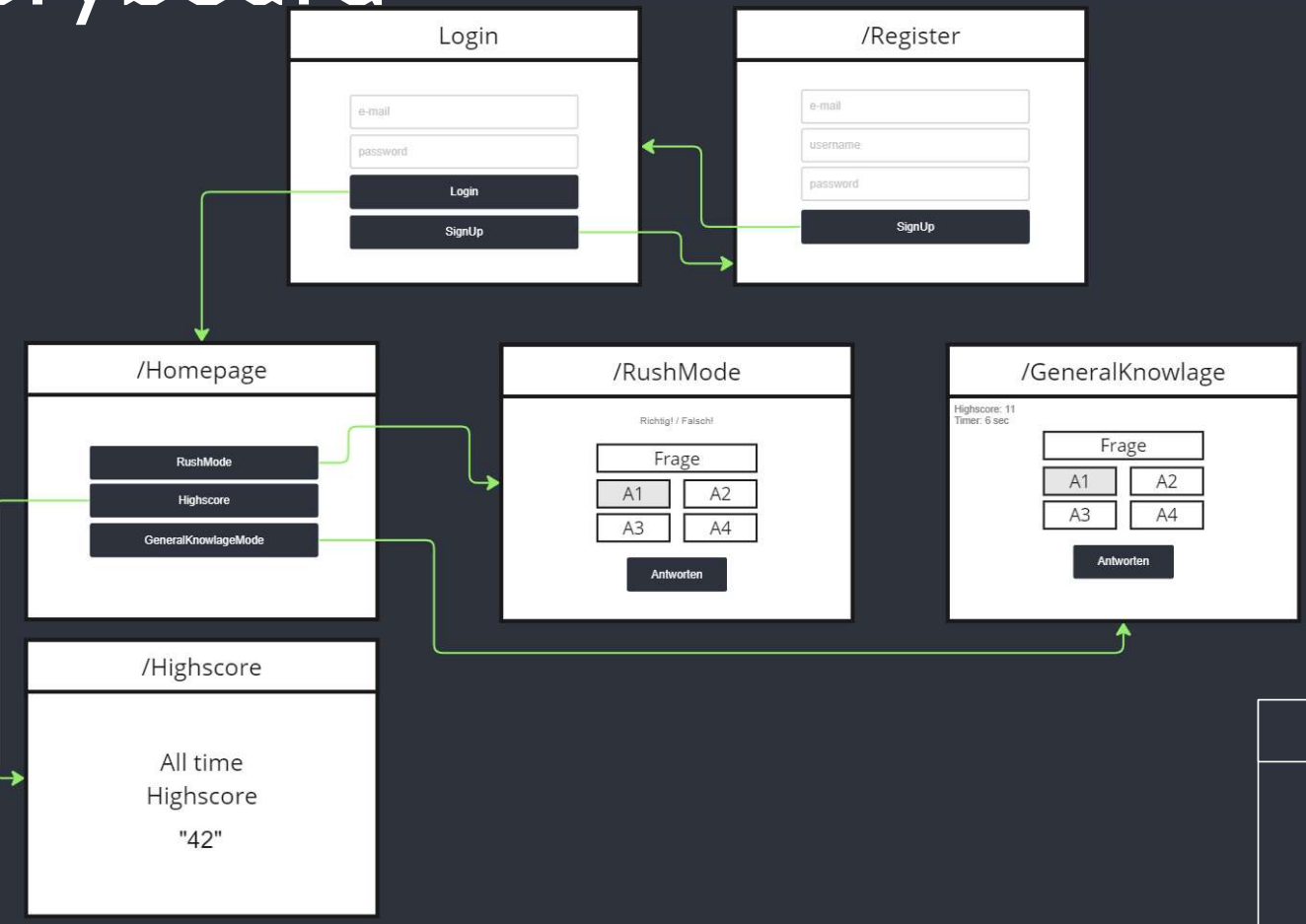
</ Storyboard


Login
e-mail
password
Login
SignUp
/Register
e-mail
username
password
SignUp
/Homepage
RushMode
Highscore
GeneralKnowlageMode
/RushMode
Richtig! / Falsch!
Frage
A1
A2
A3
A4
Antworten
/GeneralKnowlage
Highscore: 11
Timer: 6 sec
Frage
A1
A2
A3
A4
Antworten
/Highscore
All time
Highscore
"42"

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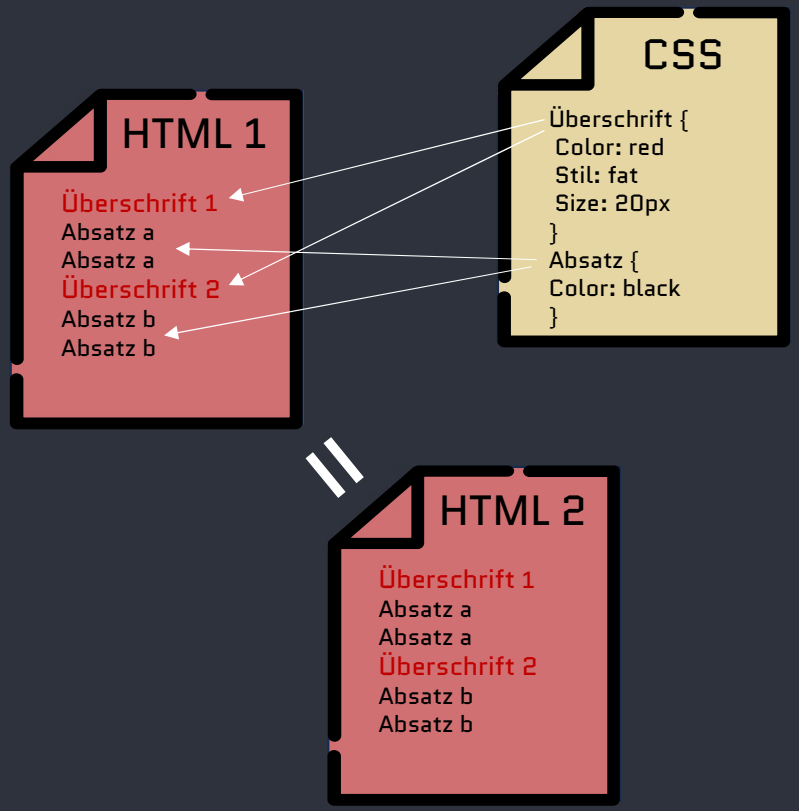
</ One CSS-Datei

-> Consistency

-> Scalability

-> Reusability



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</ Implement Questions

-> Database

- Scalability/ Flexibility
- Processing Of Data Volumes
- Clarity
- Heavy Implementation

-> Code

- Easy Implementation
- Retrieveability
- Huge .py Files
- Probability Of Lag

/>

</ 1 v n Databases

One For All

- Data Organization
- Data Integration
- Data Access

V

N Databases

- Database Failures
- Scalability

/>

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</ 1 v n Databases

One For All

- Scalability
- Performance Issues
- Database Failures

V

N Databases

- Complexity
- Data Integration
- Cost & Resources

/>

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</ Selfengineering Of Questions

Pro

- Increased Quality Of User Experience
- Another Base Functionality

Con

- High Time Investment
- Complex Database Implementation

/>

</ Development Priorities

Login & Register

Working WebApp & Quiz Structure

Generel Knowledge Mode

Rush Mode

/>

</ Development Priorities

Login & Register

Working WebApp & Quiz Structure

Generel Knowledge Mode

Rush Mode

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</ Development Priorities

Login & Register

Working WebApp & Quiz Structure

Generel Knowledge Mode

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Login & Register

Working WebApp & Quiz Structure

Generel Knowledge Mode

Rush Mode

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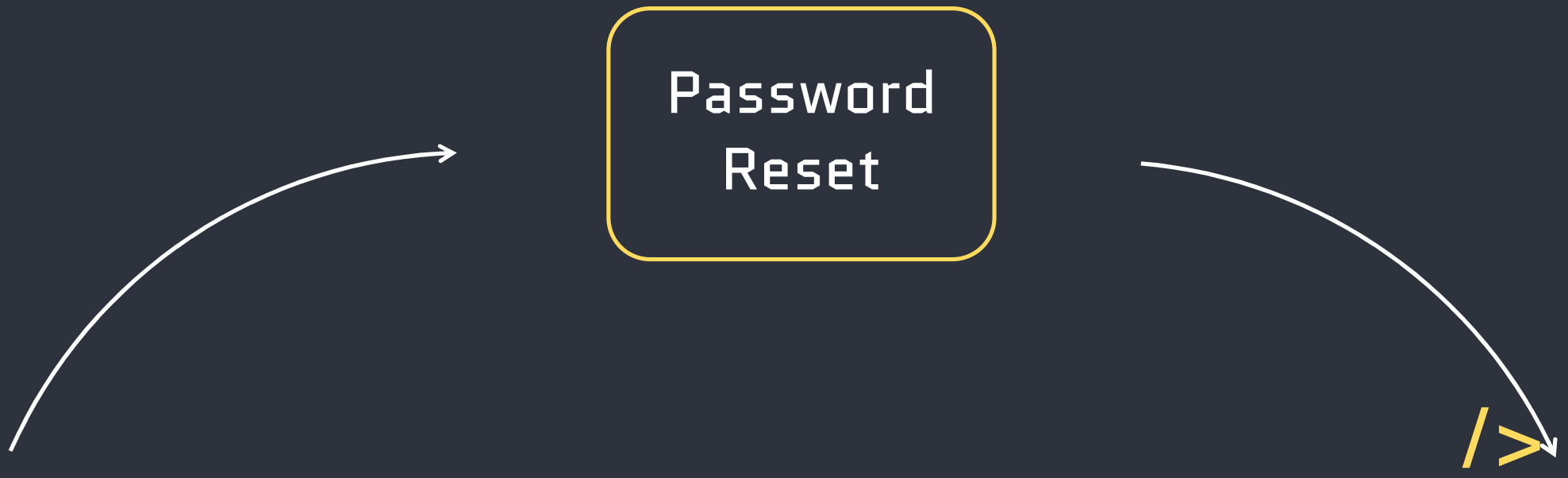
</ No Development Priorities



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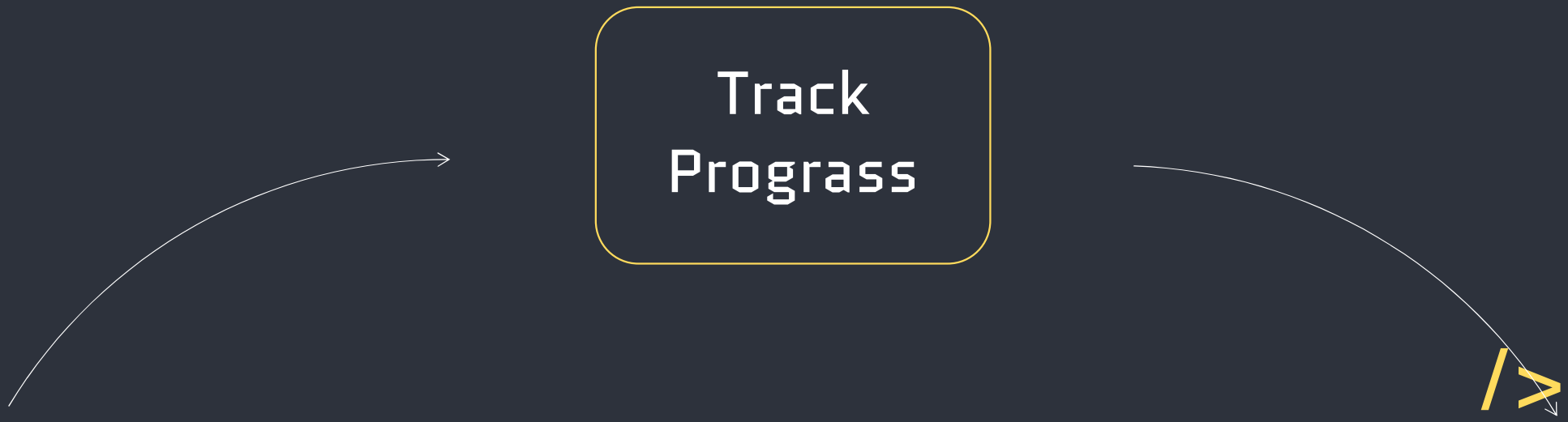

</ No Development Priorities

</ No Development Priorities

</ No Development Priorities

</ Thanks!

Any Questions?

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Color Scheme

Anton Wagg, Tim Hötzel

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