

In deze slideshow:

01 Projectplan afgerond

Meeting met Ruud van RacingNews

- 02 Tijdlijn
- 03 Concepting

Available Product Analysis F1 Available Data Fan Engagement Strategies(Work in progress)

04 Development

ThreeJS-Journey
Node Server

05 Portfolio website

Eerste Svelte app!



Project Plan

Improving the Grand Prix experience for FI viewers at home

S8 Graduation FHICT

4 Sept 2023 - 16 Jan 2024

By Jordi Franssen

Project Plan afgerond 🙌



Duidelijke probleemstelling en motivatie na meeting met Ruud

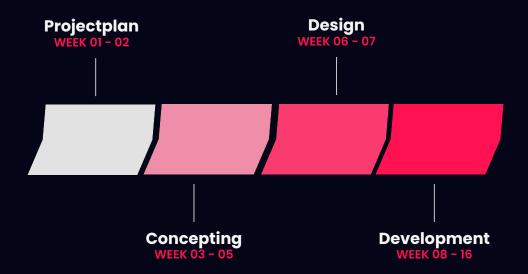
4 September 2023

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Tijdlijn



CONCEPTING



Digital Twin

Digital Twins worden al vaak gebruikt om de echte wereld te simuleren. (Metaverse, simulaties, AR/VR)

02

Unity Metacast

Gebruikt green screen met meerdere camera's om een bewegend 3D model te genereren van hoge kwaliteit.

03

Formula Addict - YouTube

YouTube pagina met 3D analyses van Formule 1 www.youtube.com/@formulaaddict

Available Product Analysis



Undocumented API

F1 Available Data

Wordt al gebruikt door RacingNews. Riskant om te gebruiken voor dit project omdat het geen officiële databron is.

02

Ergast API

API met historische F1 data. Wordt na 2024 waarschijnlijk niet meer gebruikt.

03

Fast-F1 API

Combinatie van bovenstaande API's. Alleen is deze gebouwd met Python, wat ongeschikt is voor web apps.

Waarom fan engagement strategies?

60% van de sportfans is bereid extra te betalen voor een ervaring met hun favoriete team of atleet.

Fan Engagement Strategies

02

Wat zijn fan engagement strategies?

Manieren om publiek te trekken voor, tijdens en na de wedstrijd. Dit kan door (persoonlijke) content, gave technologieën en meer.

03

RacingNews365

Hoe kunnen deze strategieën toegepast worden in het project?



DEVELOPMENT



TDE logo in 3D

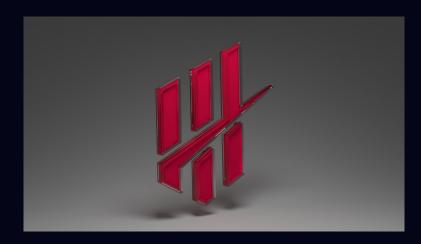
SVG omgezet naar 3D model in blender en ingeladen in ThreeJS

02

Onderzoek naar mogelijkheden

Eigenlijk is alles mogelijk, maar het is wel moeilijk

ThreeJS-Journey



Laatste race eind november!!

Node Server

Node server gebouwd die een eventuele live-data API kan opnemen en opnieuw afspelen voor testen.

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In deze slideshow:

Focusgroep discussie

9 October

02 Tijdlijn

03 Concepting

Available Technologies Analysis
Fan Engagement Strategies
Survey
Target audience analysis
Expert interview strategie (gepland)

04 Design
Meeting huisstijl RacingNews

05 Development

POC Yuka.js POC Racebaan

Of Portfolio update

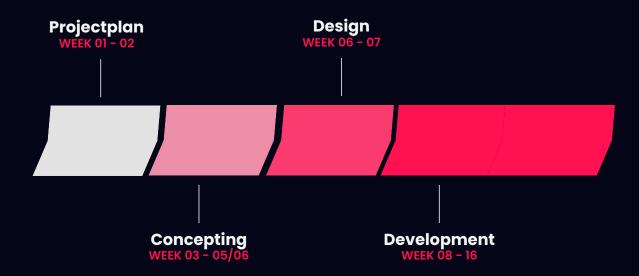
Contentpagina gemaakt

07 Persoonlijke ontwikkeling

Persuasive Communication



Tijdlijn





CONCEPTING



Available technologies analysis

ThreeJS, Blender, React-three-fiber, Yuka.Js

Concepting

02

Fan engagement strategies

Zorg voor een interactief product dat uniek is voor fans

03

Survey

14 Reacties, data voor focusgroep

04

Target audience analysis

Interessante conclusies Google Analytics. Later data survey toevoegen voor personas, customer journeys, empathy maps

05

Expert interview strategie gepland

Concept strategisch bespreken met Michiel



Design



In voren werken op Design

Huisstijl RacingNews

Design



Development



Proof of Concept Yuka.js

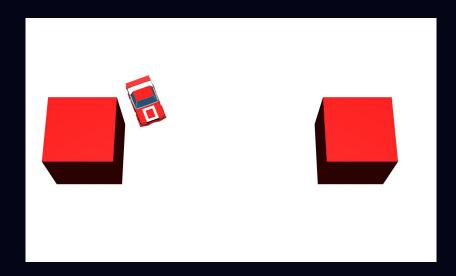
JS library om het gedrag van auto's te simuleren

02

Proof of Concept racebaan

POC mogelijkheid om meerdere auto's over een circuit te laten rijden. In voren werken voor development

Development



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Persoonlijke ontwikkeling



Persuasive Communication

Strategieën om overtuigender te kunnen presenteren en communiceren.

A.I.

Hoe kan A.I. me helpen als designer en developer. ChatGPT, Github Co-pilot etc.

Persoonlijke ontwikkeling





In deze slideshow:

- 01 Tijdlijn
- 02 Concepting

Meeting met Ruud voor feedback

03 Design

Design testen bij RN365 (vandaag) Feedback iteratief proces

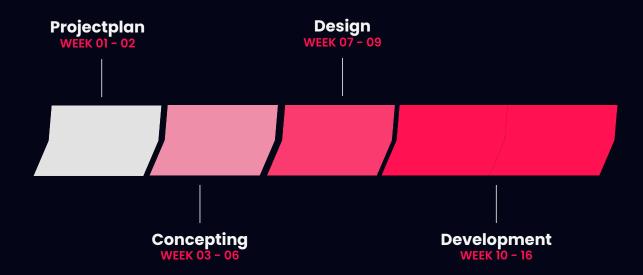
04 Development

Real-time communicatie methodes
Front-end framework gekozen
Development-API
Architectuur / Hosting en plan van aanpak

05 Randzaken

Retrospective conceptingfase Overtuigingstechnieken

Tijdlijn



CONCEPTING / Design



Ruud enorm enthousiast

Concept besproken

Feedback John

Iteratief proces

02

Gevaar gebruik FIA API

• Extra risico analyse

03

Om 13:00 weer meeting

- Bespreken CMS liveblog
- Usertestjes design

Development



Real-time communicatie naar cliënt

Server sent events (Dus toch geen websockets!!)

02

Front-end framework

- Svelte / SvelteKit/ Threlte
- Direct implementeren in RN365 (Svelte want routing)
- Threlte als module

03

Development API

- Simuleert real-time datastream
- Komend weekend live data testen Vegas

04

Positiedata POC (demo)

- Data deugt
- Niet helemaal soepel

05

Architectuur / hosting en PVA

- 400.000 users die 5kb per seconde ontvangen
- Terabytes per race
- Plan van aanpak development

06

Beginnen met bouwen

Randzaken



Retrospective Conceptfase

02

Tussendoor overtuigingstechnieken

Toepassen terugkomdag

03

Portfolio update

• Loop een beetje achter, maar werk ik deze week bij!



In deze slideshow:

Olimination Olimination

Eerste paar wireframes CMS

02 Design

Kleine aanpassingen liveblog

03 Development

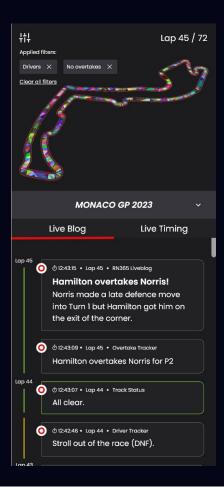
Live data test / analyse Inhaalactie script geschreven Development environment opgezet

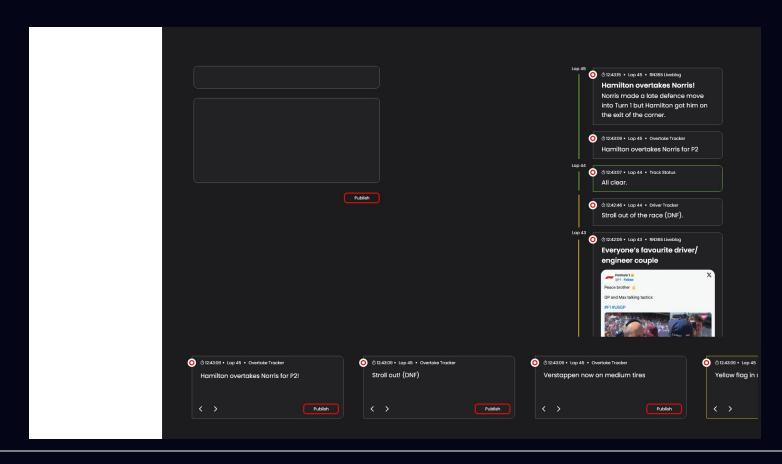
04 Randzaken

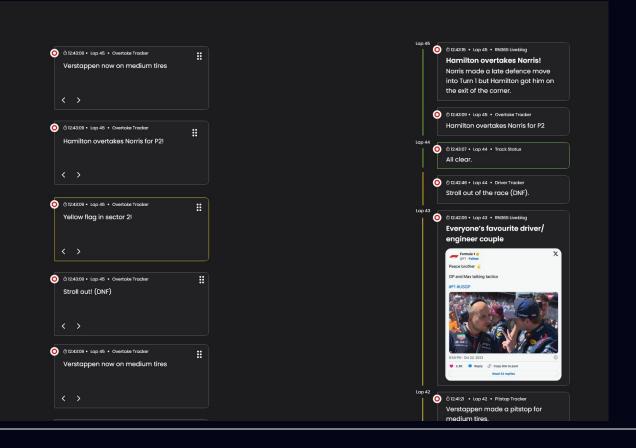
Gebruik API legal / ethics Eigen GPT gemaakt WeyWeyWeb 2023

CONCEPTING / Design



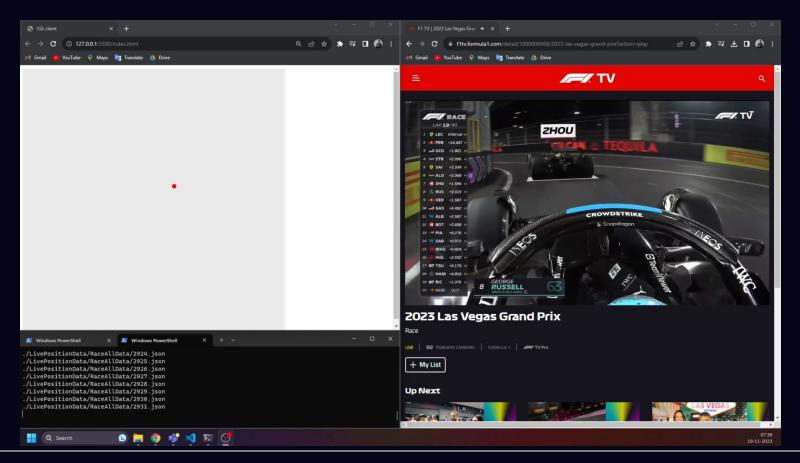






Development





Windows PowerShell Windows PowerShell Copyright (C) Microsoft Corporation. All rights reserved. Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows PS C:\Users\jordi\Development\Development-API> node client.js Driver 1 gained position from 2 to 1 Driver 20 gained position from 8 to 6 Driver 14 gained position from 9 to 11 Driver 77 gained position from 8 to 10 Driver 11 gained position from 13 to 10 Driver 27 gained position from 15 to 11 Driver 22 gained position from 20 to 12 Driver 81 gained position from 19 to 13 Driver 3 gained position from 18 to 15 Driver 44 gained position from 16 to 14 Driver 4 gained position from 19 to 17 Driver 24 gained position from 20 to 16 Driver 55 gained position from 20 to 18

Randzaken



Gebruik API legal / ethics

- Meeting Lennart
- Meeting Ruud

Preparations and Management

Preparation and management are pivotal to a project's success. They ensure clear objectives, efficient resource allocation, and anticipation of challenges. Proper preparation sets the stage for smooth execution, while effective management keeps the project on course and ensures quality outcomes.

- 1 Project Plan
- 2 Project Management

Orientation and Concepting

Orientation and concepting anchor a project's direction and vision. By thoroughly understanding the problem statement, we ensure relevant solutions. Defining the concept provides a clear roadmap for development. Together, they guide a project from vague ideas to focused strategies, ensuring alignment with goals and audience needs.

- 1 Available Product Analysis
- 2 Available Data Analysis
- 3 Fan Engagement Strategies
- 4 Available Technologies Analysis
- 5 Online Survey
- 6 Target Audience Analysis
- 7 Focusgroup Discussion
- 8 Feasibility Study
- 9 Concept Validation

UI Design

A good user interface is key to a good user experience. With this project phase, the concept visually comes to live and starts to function as close to a real product as possible.

- 1 Racing News 365 Visual Audit
- 2 Design Validation

Development

Geen lorem ipsum text

- 1 item1
- 2 item2

M You

Score Jordi's internship for each learning outcome

Jordi's Internship Manager

Based on the information provided in your documentation, here's the assessment of Jordi's internship for each relevant learning outcome:

1. Professional Duties

- . Level: Advanced
- Feedback: Jordi demonstrated a high level of proficiency in professional duties. He effectively analyzed technologies relevant to his project, advised on their use, and produced professional deliverables in line with IT-area User Interaction. His work reflects a deep understanding and application of professional standards at the bachelor level.

2. Situation-Orientation

- . Level: Advanced
- Feedback: Jordi effectively applied his knowledge and skills in a new and authentic context. delivering relevant and valuable results for the project. He adapted to the company's processes, undertook significant research, and developed a validated concept, demonstrating methodological and structured work. His contributions were clearly relevant and valuable to the project's orientation phase.

3. Future-Oriented Organisation

 Assessment: Not explicitly mentioned in the provided documentation. Based on available information, it's not possible to accurately assess Jordi's performance in this learning outcome.

4. Investigative Problem Solving

- . Level: Advanced
- Feedback: Jordi exhibited excellent investigative problem-solving skills. He approached his project from different perspectives, identified problems, and found effective approaches to them. His use of varied research methods and the successful application of findings in his project, such as adjusting the project course based on new data findings, signify his advanced capability in this

5. Personal Leadership

 Assessment: Not explicitly detailed in the provided documentation. However, Jordi's approach to project phases, his reflections, and the personal challenges he navigated suggest a strong sense of personal leadership. He showed initiative, adapted to new environments, and effectively managed personal and project challenges.

6. Targeted Interaction

- Level: Proficient
- Feedback: Jordi demonstrated effective interaction skills, particularly in collaborating and communicating with his team and external stakeholders. His ability to receive and integrate feedback into his project, as evidenced by his adaptability in project meetings and focus group discussions, shows his competency in targeted interaction.

These assessments are based on the detailed reflections, project activities, and outcomes Jordi documented in his internship report. Jordi has shown considerable growth and skill development in multiple key areas of his internship.



