

Mobile First for Students

"Eine rundum nützliche App für Studierende, die das studentische Leben vereinfacht und verbessert und von Universitäten unkompliziert angebunden werden kann."



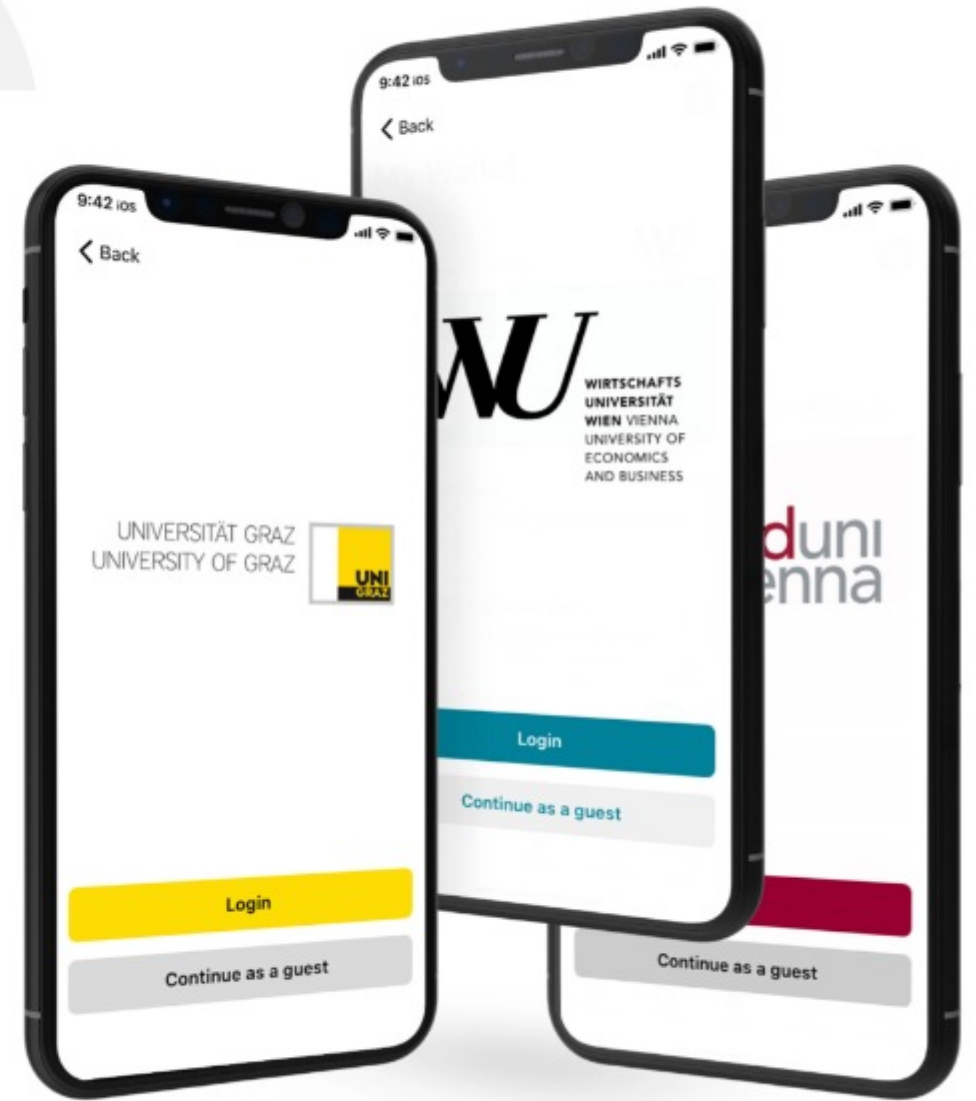
Studierende

Wenn man das Studium in der Tasche hat:
die neue Uni-App



Universitäten

Ein neues Open Source Service-Angebot



Agenda

Projektvorstellung ~ 5 Minuten

Der Weg zur App ~ 2 Minuten

Überblick App - Funktionen und Aufbau ~ 8 Minuten

Maker-Erfahrung: Video teaser und Mockups selbst ausprobieren ~ 15 Minuten

Feedback ~ 15 Minuten

Nach Überblick App gibt es eine kurze Q&A Runde - Fragen bis dahin bitte in den Chat



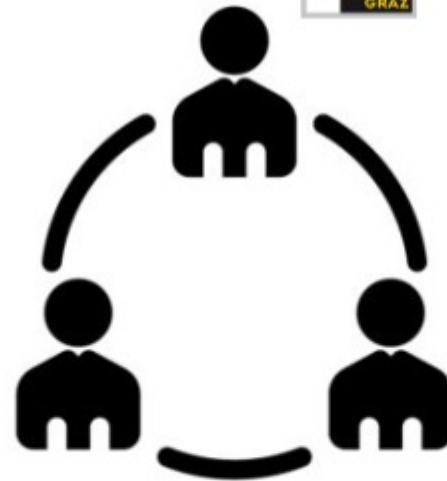
Team - Wer wir sind

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UNIVERSITÄT GRAZ
UNIVERSITY OF GRAZ



vetmeduni

In enger Zusammenarbeit mit dem Bundesministerium für Bildung, Wissenschaft und Forschung, dem E-Government Innovationszentrum, sowie der Technischen Universität Graz.

Projektumfang #1

Laufzeit: 2020-2023

**Eine App... mehrere
Universitäten**

Die App als whitelabel Lösung:
Look and Feel lassen sich der
Corporate Identity der
Universitäten anpassen



Projektumfang #2

Relay API Gateway

part of the [Corda/Blazenet](#) project

Login

configuration-controller

GET /api/v1/configuration Get the initial configuration for an authenticated account.

translation-controller

POST /api/v1/118n Returns languages and translation keys by university.

print-balance-controller

GET /api/v1/print/balance Get the student's printing balance.

salto-doorlock-controller

GET /api/v1/salto/query Check and update the student's account in the Salto backend. Return the binary key.

GET /api/v1/salto/register Register a new Salto user and get the binary key.

student-controller

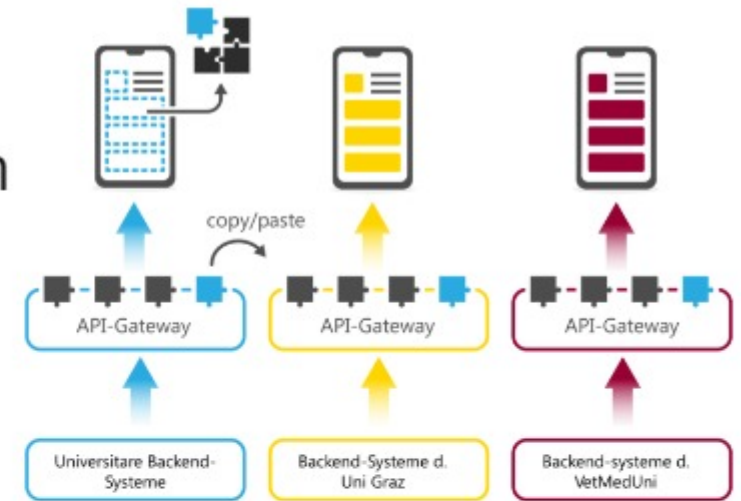
GET /api/v1/student/achievements Get the student's grades from Uni Graz Online.

GET /api/v1/student/degrees Get the degrees and their respective courses from Uni Graz Online.

GET /api/v1/student/exams Get the student's exams from Uni Graz Online (UO).

Datendrehscheibe API Gateway

- definiert standardisierte Schnittstellen
- einfache Anbindung der universitären Backend-Systeme an die App
- fördert die Interoperabilität zwischen Universitäten



Der Weg zur App

App Branding Workshops



Architectural Workshops



Team Planning Workshops

IDEA BOARD: AI Planner Time Management

A screenshot of the AI Planner Time Management app interface, showing various features and user testimonials. The interface includes sections for "Smart Assistant", "Time management", "Task list", and "Time management II".

Smart Assistant: The presentation of activities which helps students to get things done by taking their calendar classes, study time, and other activities, based on a push-notification from the assistant.

Time management: The app contains both user created as well as integrated assignments, created by lecturers. From marks or similar systems are automatically imported.

Task list: The app contains both user created as well as integrated assignments, created by lecturers. From marks or similar systems are automatically imported.

Time management II: The app contains both user created as well as integrated assignments, created by lecturers. From marks or similar systems are automatically imported.

Based on how diligent the student is (and also his communication with the app), the app can suggest when it is a good time to start preparing for an exam.

A poster for the IMPACTAUSTRIA hackathon. It features a woman's face and the text: "WIN 1000 € NO COURSE FEES RETURN", "12-13 NOV 2020 IN AUSTRIA AND BEYOND", "JOIN OUR HACKATHON! #IMPACTAUSTRIA", "IMPROVE THE STUDENTS' LIFE BY LEVERAGING THE CAPABILITIES OF A SMARTPHONE", and "digi@eduhack.at". Logos for WU and veritas are also present.

IDEA BOARD: NAVIGATION

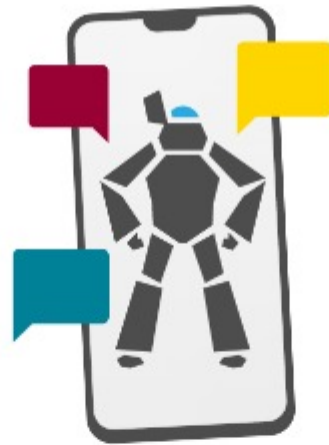
A collection of smartphone screens displaying the Navigation app interface. The screens show a map, a list of locations, and a detailed view of a location. Text overlays describe the app's features: "Students find the best of navigation routes and offer a great feature for navigation, for example, for navigation routes, for navigation routes, for navigation routes.", "Navigation app: A navigation app that helps students find the best routes to their destination.", "On the navigation board: Shows the path to the destination and the estimated time of arrival. The app can suggest when it is a good time to start preparing for an exam.", "The navigation app: A navigation app that helps students find the best routes to their destination.", "The navigation app: A navigation app that helps students find the best routes to their destination.",

Hackathon November 2020

Funktionsumfang



E-Studierendenausweis



Chatbot



NFC/BLE als Türöffner

Die App

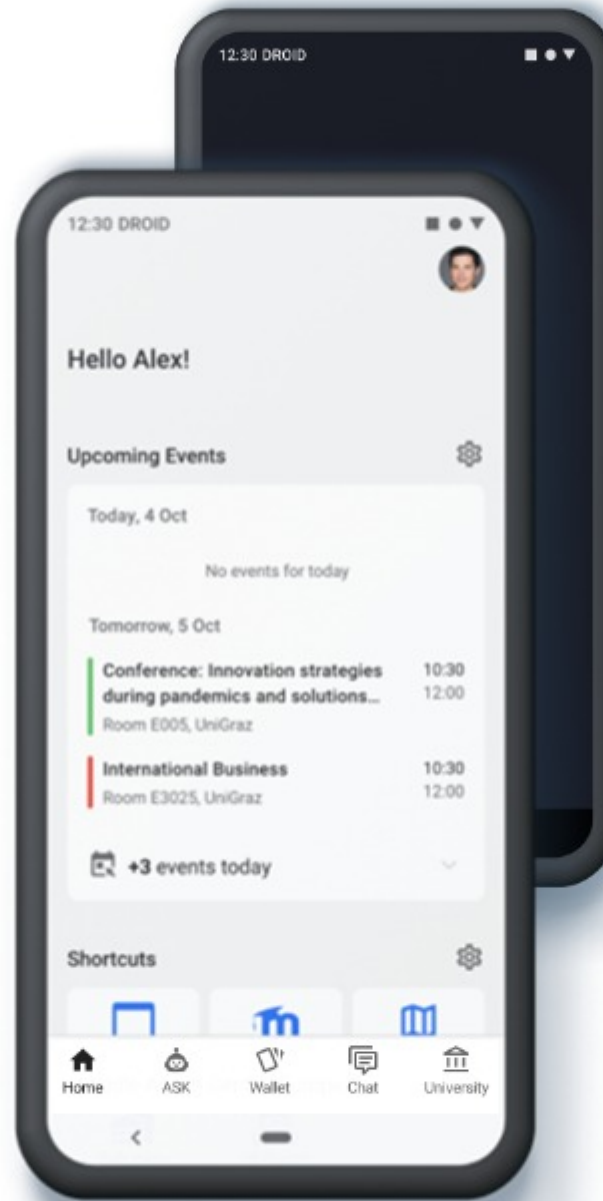
e-Studierendenausweis



NFC/BLE als
Türöffner



Spracherkennung/
Chatbot



Studierendenmodul

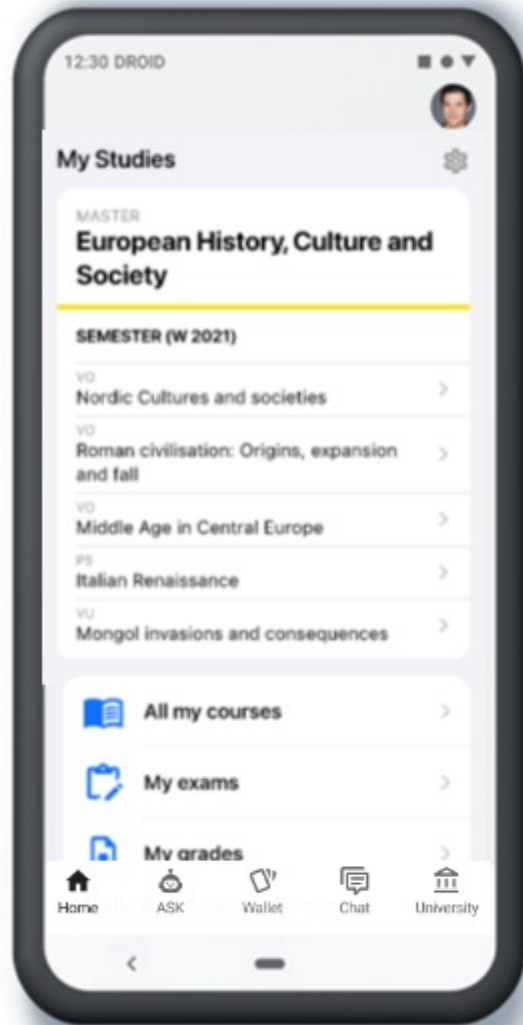


Druckeranbindung
Druckguthaben



2 konfigurierbare Tabs für
Webviewanbindungen

Home Tab



[MFFS App \(adobe.com\)](https://adobe.com)



Studierendenmodul

- Mein Studium
- Kurse
- Prüfungen
- Noten
- Learning Management Systeme (Moodle)



Shortcuts

- Anbindung von wichtigen Services



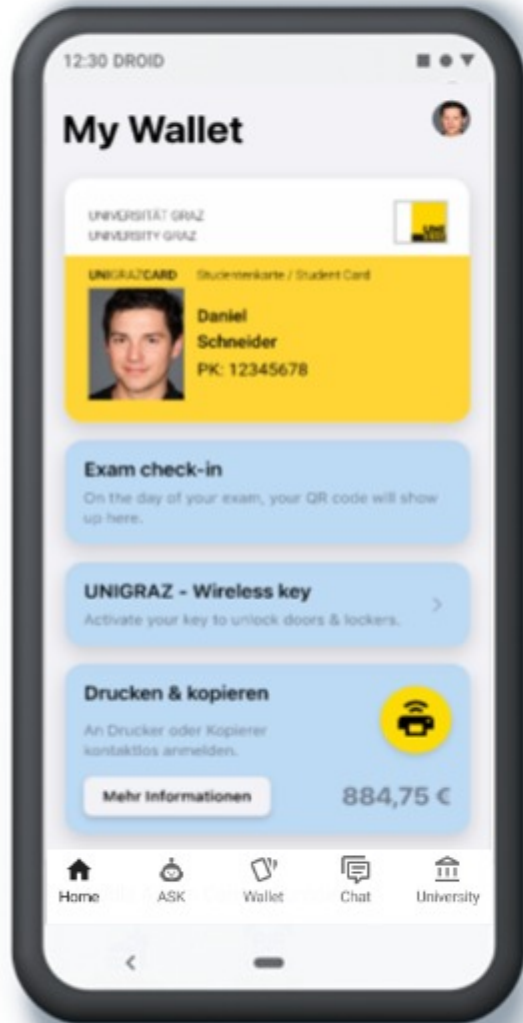
Listenansicht bevorstehender Veranstaltungen

- geplant (noch nicht umgesetzt)

Chatbot Tab - Webview



Wallet / Börserl



[MFFS App \(adobe.com\)](https://adobe.com)



Studierendenkarte / Sichtausweis

- Anzeige Studierendenkarte
- kein "rechtsverbindlicher" Ausweis, allerdings innerhalb der Universität einsetzbar



Öffnen/ Schließen von Türen, Spinden

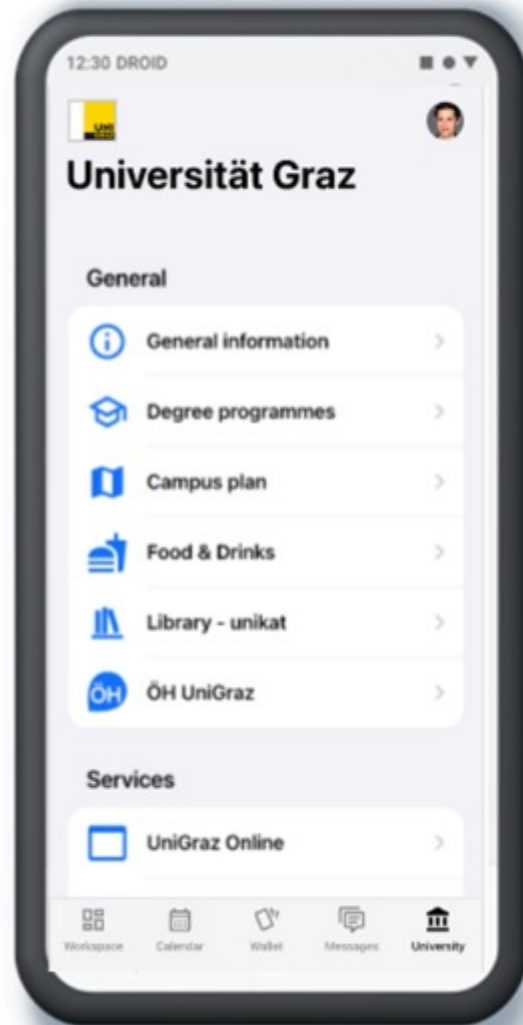
- derzeit mit Bluetooth umgesetzt



Druckfunktion

- Authentifizierung an Druckern
- Anbindung Uniflow
- Anzeige Druckguthaben

Meine Universität

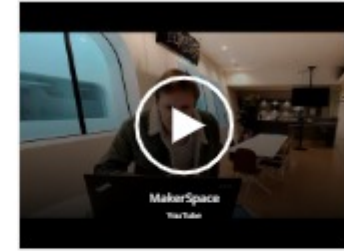


Meine Universität Linksammlung

- Liste mit konfigurierbaren Unterteilungen
- relevante Informationen rund ums Studieren
- Anbindung relevanter Services
- Hilfe
- Suche

[MFFS App \(adobe.com\)](https://adobe.com)

Makererfahrung



UniGraz: <https://xd.adobe.com/view/fedabcfb-daea-4817-86f0-4f17253e9a27-ab89/?fullscreen>

WU: <https://xd.adobe.com/view/6e2e1574-c9b2-494a-b75d-c6ce6afdbee1-3b7d/?fullscreen>

Vetmed: <https://xd.adobe.com/view/33a59177-a7f6-495f-b672-51c7329efd5b-66f6/?fullscreen>



UNIVERSITÄT GRAZ
UNIVERSITY OF GRAZ



Feedback

Wie gefällt euch die App?

Welche Features findet ihr besonders nützlich?

Gäbe es Features/Services, die für eure Hochschule relevant wären?

Wärt ihr daran interessiert, dass die App auch an eurer Hochschule zum Einsatz kommt?

