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Connecting European Youth through Storytelling

ANALYSIS OF PLATFORM FUNCTIONS

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COMPARATIVE
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PLATFORM FUNCTIONS

All the different needs of the audience were taken into account in the realization of the platform, resulting in four main tools accompanied by a list of useful links for the creation of specific content.

THE MAIN TOOLS

The 4 main tools are opensource and self-hosted platforms on a dedicated server for the project:

- NextCloud
- HumHub
- MediaWiki
- Moodle

NextCloud

A file sync and share platform for everyone; provides a safe, secure, and compliant file synchronization and sharing solution on a servers that you can control.

NextCloud has a **Dashboard** that is the starting point of the day, giving an overview of your upcoming appointments, urgent emails, chat messages, incoming tickets, latest tweets and much more. Users can add the widgets they like and change the background to their liking.

NextCloud has a easy web interface that allows you to **share files** with other users, to create and send password protected public links, to let others upload files to your cloud and to get notifications on your phone and desktop when a user on another cloud server shares files directly with you. And you can do all these things from the desktop or mobile clients, too.

The Nextcloud **Calendar** and **Contacts** apps allow to store, sync and share your plans and contacts. You can share with users or groups on your server or sync the calendar or contacts with your devices and access them wherever you are. Nextcloud Mail gives you a easy to use but powerful mail client, directly integrated in Nextcloud, that can talk to existing IMAP or POP mail server.

Nextcloud integrate a secure and private **audio/video communication service**. Is it possible to access it through a browser, invite other user to collaborate in a group through secure, end to end encrypted audio and video communication. The WebRTC, peer to peer communication channel can not be intercepted even by the admin of the server. The talk app also supports chat and comes with mobile applications for Android and iOS so you can call others from your mobile phone!

Running your **own server** takes work, but Nextcloud makes it easy as possible to run a reliable, secure service for everyone. It gives you tips and recommendations in the setup screen, warn of updates and let you run an update with a few clicks in the web interface, provide a web installer and super easy-to-manage Snap and VM images and much more.

NextCloud deeply committed to **protecting the safety of user data**; it offers the best security in the self hosted file sync and share world, because it follow industry best practices around security



(aligned to ISO27001), offer some of the highest open source security bug bounties and integrate unique in-transit, server-side and client-side end-to-end encryption technologies.

For more info visit: <https://nextcloud.com>

HumHub

HumHub is a free social network software and framework built to give the tools to make communication and collaboration easy and successful.

It's lightweight, powerful and has a **user-friendly interface** and it is completely **open-source**.

HumHub is a **self-hosted** solution and runs on almost every server. We are in the full control of the data. HumHub let user communicate **like you already do in other social networks**: write posts and updates, share files, like and comment just the way you want it.

With HumHub we had can created our own customized social network, but not only, with a powerful module system HumHub **can be extended** using third party tools or writing your own software. It is possible to modify anything, this way is possible to add anything is missed on other social networks, up to transforming the framework into a real portal with all the specific functions of a community. By doing so it is possible to achieve the goal of creating a real space not only for sharing but for the creation and management of projects, as for NextCloud it is in fact possible to integrate a management and processing system for shared files, the management of an event calendar and for more complete needs, it is also possible to integrate an online chat and meeting system.

For more info visit: <https://www.humhub.com/en>

MediaWiki

The MediaWiki software is used by tens of thousands of websites and thousands of companies and organizations. It powers Wikipedia and also this website. MediaWiki helps you collect and organize knowledge and make it available to people. It's powerful, multilingual, free and open, extensible, customizable, reliable, and free of charge.

MediaWiki is an extremely powerful, scalable software and a feature-rich wiki implementation that uses PHP to process and display data stored in a database, such as MySQL.

Pages use MediaWiki's wikitext format, so that users without knowledge of HTML or CSS can edit them easily.

When a user submits an edit to a page, MediaWiki writes it to the database, but without deleting the previous versions of the page, thus allowing easy reverts in case of vandalism or spamming.

MediaWiki can manage image and multimedia files, too, which are stored in the file system. For large wikis with lots of users, MediaWiki supports caching and can be easily coupled with proxy server software. With dedicated extensions, MediaWiki can also handle structured data.

For more info visit: <https://www.mediawiki.org>



Moodle

Moodle is the world's most customisable and trusted **eLearning solution** that empowers educators to improve the digital learning world.

Moodle was born from a desire to give educators a way to create quality education experiences over the internet.

From its humble beginnings in 1999, Moodle LMS has constantly evolved through our commitment to pedagogy, open source philosophy, and a collaborative global community of like-minded educators and technologists.

Moodle LMS is a **secure, open source** LMS that can be **customised** for any course or teaching method you choose.

Moodle LMS has a huge range of **resources** and activities to engage and accommodate different learning styles. Moodle is **WCAG 2.1 AA compliant**.

For more info visit: <https://moodle.org>

USEFUL LINKS

The list of useful links has been deliberately reduced from a wider selection in order to eliminate overlapping of similar software; the selection was made according to the principles of usability and security of data management.

Liquid Democracy

It's a open-source projects for more democratic participation.

For more info visit: <https://liqd.net/en>

Leaflet

Leaflet is the leading open-source JavaScript library for mobile-friendly interactive maps.

For more info visit: <https://leafletjs.com>

Diagrams

Collaborate with shared cursors in real-time. diagrams.net has everything you expect from a professional diagramming tool.

For more info visit: <https://www.diagrams.net>

Revolt

Revolt is one of the best ways to stay connected with your friends and community without sacrificing any usability.

For more info visit: <https://revolt.chat>

EtherCalc

Your data is saved on the web, and people can edit the same document at the same time.

For more info visit: <https://ethercalc.net>



EtherMap

Share potential housing locations, holiday plans, or simply map your favourite coffee shops, bars & restaurants.

For more info visit: <https://getethermap.org>

Mipui

Mipui is a free and open-source collaborative web application for creating, editing and viewing grid-based maps for tabletop or role-playing games.

For more info visit: <https://www.mipui.net>

opeNode

opeNode provides reliable and fast Platform As A Services (PaaS) to deploy your web applications instantly.

For more info visit: <https://www.npmjs.com/package/openode>

CryptPad

CryptPad, the encrypted end-to-end collaboration suite, open-source. Administered by the CryptPad development team

For more info visit: <https://cryptpad.fr>

Bitsy

A little editor for little games or worlds.

For more info visit: <https://bitsy.org>

Meme Generator

The Fastest Meme Generator on the Planet. Easily add text to images or memes.

For more info visit: <https://imgflip.com/memegenerator>