ADRAR PÔLE NUMERIQUE
INFRASTRUCTURES SYSTÈMES & RÉSEAUX
CYBERSÉCURITÉ INFRA. & APPLICATIONS
DEVOPS / SCRIPTING AUTOMATISATION
DEVELOPPEMENT WEB & MOBILE

ADRAR FORMATION

LadyCatherine's Website

Durée Totale du Module : ???H

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Project presentation

Rules

The WHOLE PROJECT will be done in ENGLISH

Every single thing (document, report, keynote, chat, etc...) will be done in ENGLISH

All members of the class must have a role in one of the LEAD PROJECT teams and a role in one of the DEV teams.

The roles will not be fixed and we will have a rotation/ turnover system every week.

Presentation

Lady Catherine has been a renowned English professor since 1999. A fan of new technologies, she has always adapted her lessons to make them accessible to a wider audience.

Lady Catherine would like to seek your expertise by creating her own website, where she could centralize a part of her lessons.

The app will provide these Web Pages :

- Home
- About
- Blog
- Tags
- Contact

The website will also provide a RSS feed system

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Technical Stack

The web app will developed using Astro.JS framework.

You will have to follow this tutorial :

https://docs.astro.build/en/tutorial/0-introduction/

You'll use Astro to define the global architecture of the application. Astro is a meta Framework that lets you choose your front end technologies (lit, svelte, react, preact, vue, solid).

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Organizational Stack

This part will describe the way we will organize the teams.

Tools

GitHub : Of Course

Discord : To ensure communications with the various teams and the client

Google Drive : All the documentation should be centralized in a Google Drive and the client should be able to access it at any time.

Notion or Trello : To provide a visual monitoring of project's progress.

LEAD PROJECT TEAM

TEAM PROJECT MGMT

The MGMT team will be made up of project managers who will be responsible for the application's project management, and for setting up the necessary tools such as GitHub, google Drive, Notion, Netlify etc…

TEAM PLANNING

The planning team will be responsible for planning the various actions and phases required to complete the project.

TEAM BUDGET

The Budget team will be responsible for all direct and indirect costs and expenses, and for estimating the budget for the project and its various phases.

TEAM RISK

The Risk team will be responsible for studying the different types of risks (internal or external), their assessment, and their mitigation measures.

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TEAM COMMUNICATION

The Communication team, as its name suggests, will manage all aspects of communication relating to the project, producing documents, public presentations and demonstrations where necessary.

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DEVELOPER TEAM

The Developer Team will be subdivided into multiple teams, it's the working core of the project.

Team Analysis Concept

will be in charge of carrying out the entire conceptual design of the application.

The team will work on the conceptual part of the application and define the technical perimeter for the two devs teams.

TEAM UX UI

Will have to think and deliver the best User Experience and User interfaces as possible by working of the design part of the app, provide mockups

TEAM SECURITY & TESTING

The security and testing team will be in charge of ensuring the quality of the product by writing test plans, security audits, executing test plans using a testing framework such as Cypress, as well as code review

TEAM DATA - Database

The Data & Database team will have to ensure, if necessary, the establishment of a database, its configuration, its deployment as well as the main requests

Team DEV FRONT

The frontend dev team will be responsible for ensuring the frontend logic of the application as well as the implementation of the design.

Team DEV BACK

if necessary, the Backend team will be responsible for the interaction between the application and the database

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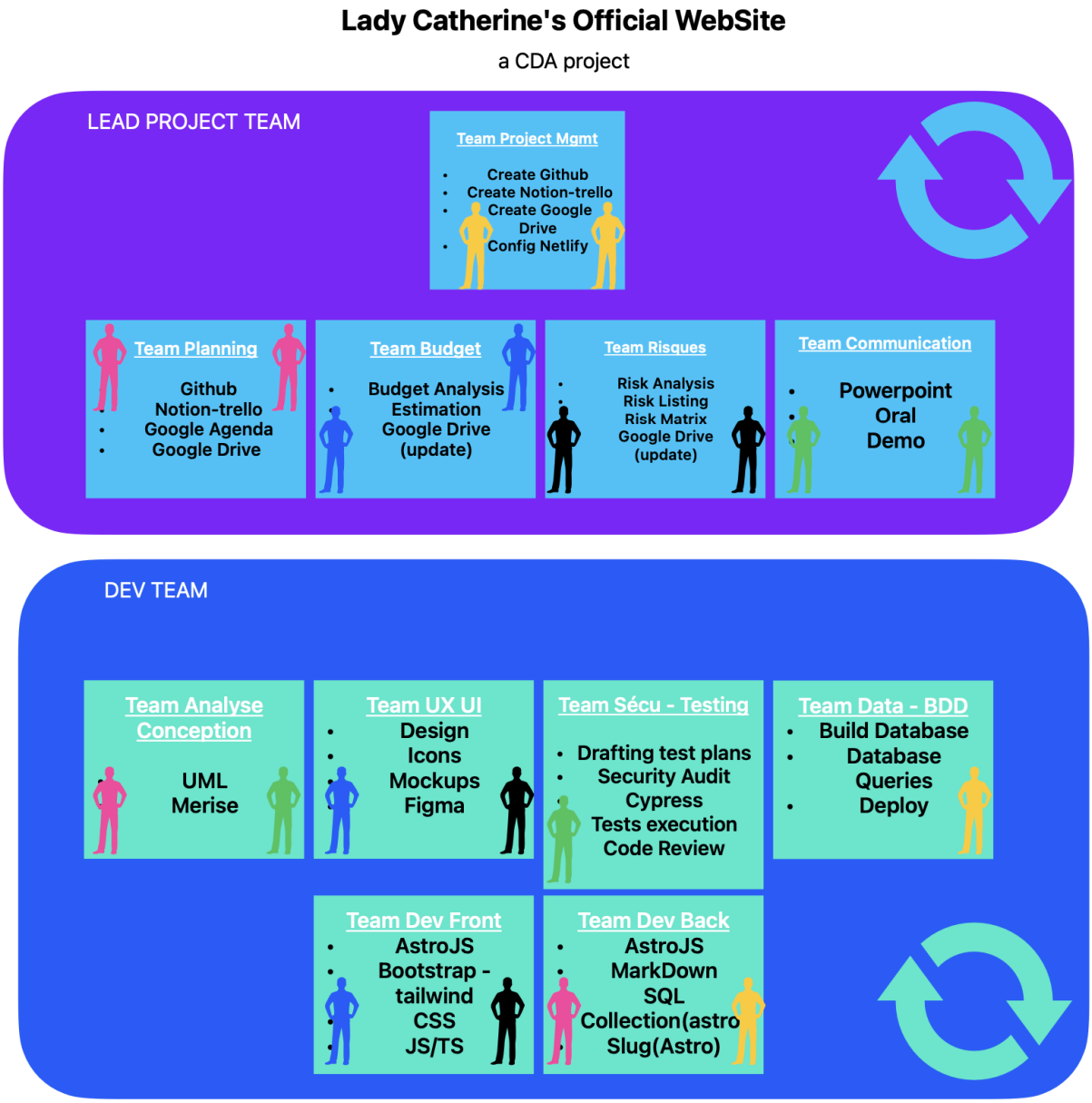
Concept Illustration



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