

# Loss and Damage Funds

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**REST-API**

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Final Project, Web Service Class

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## 1 Motivation

## 2 Loss & Damage Funds

## 3 Development Process

## 4 Work Done

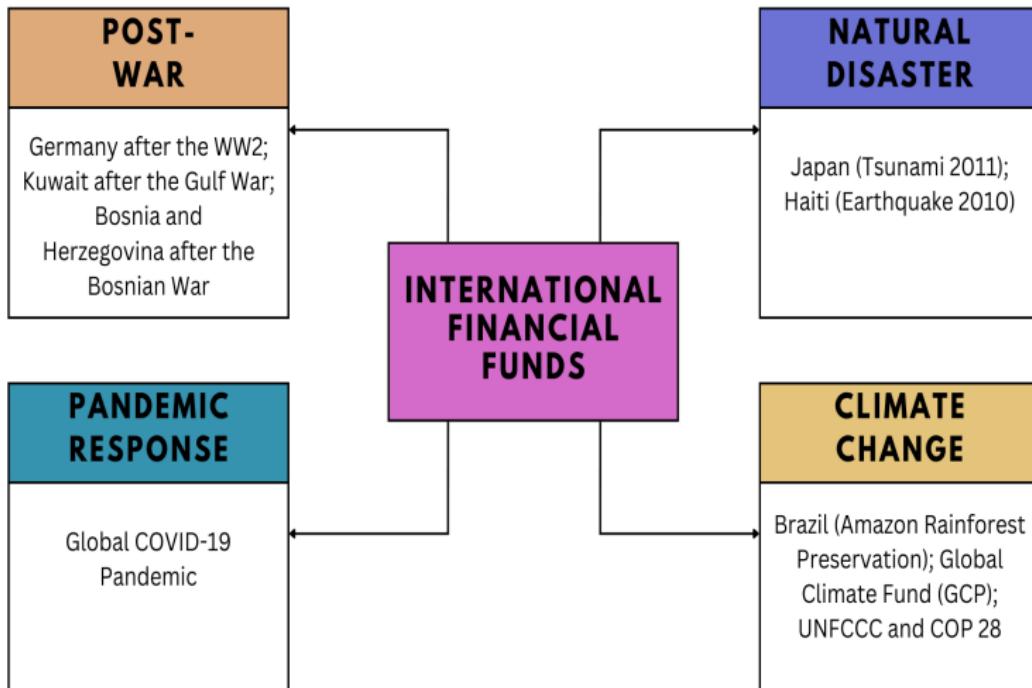
## 5 Work Plan

# Motivation

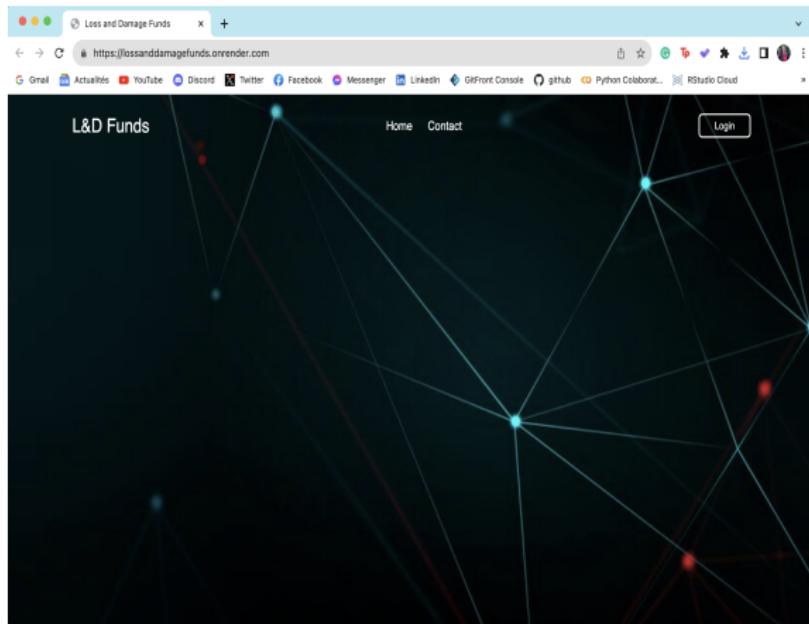


- ◀ How can a country rebuild itself after a destructive war?

# Motivation

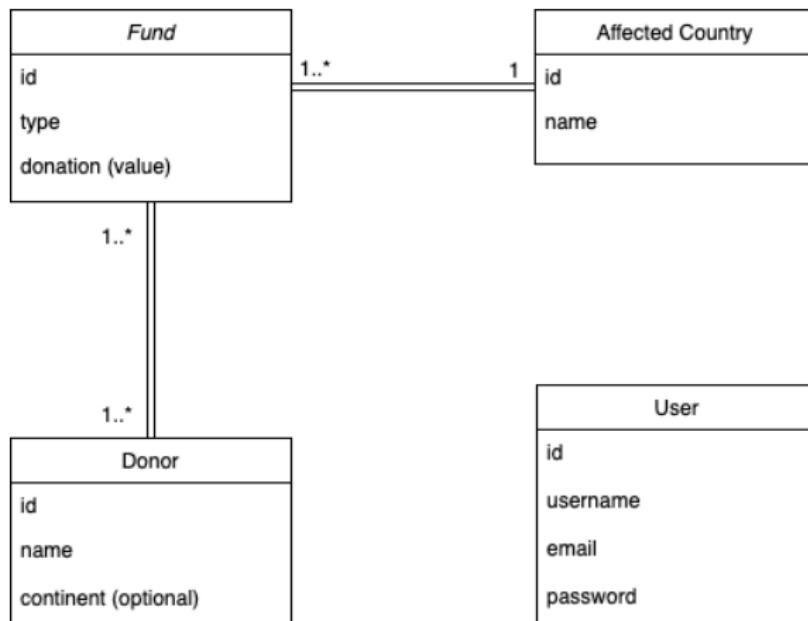


# Loss & Damage Funds



- ▶ Web Service to manipulate international financial funds

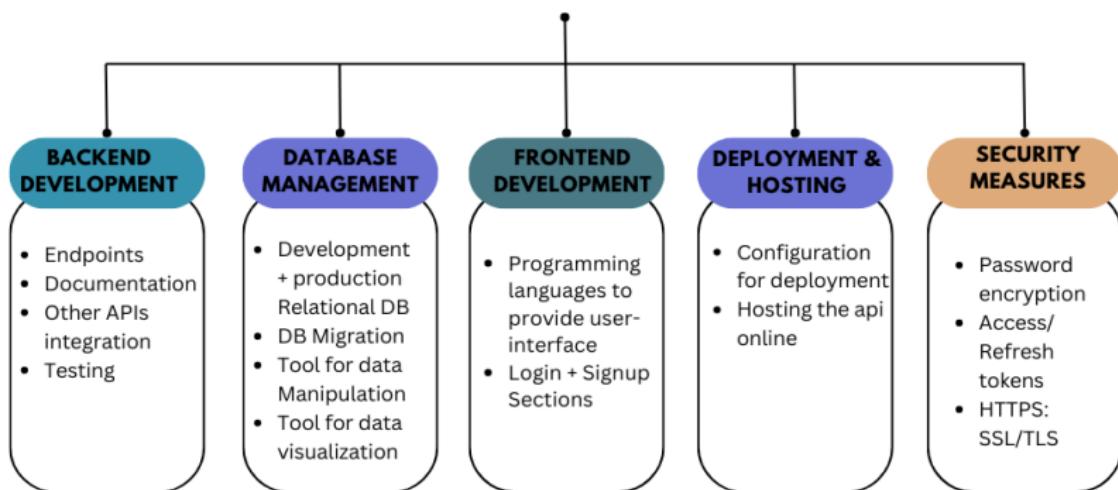
# Loss & Damage Funds



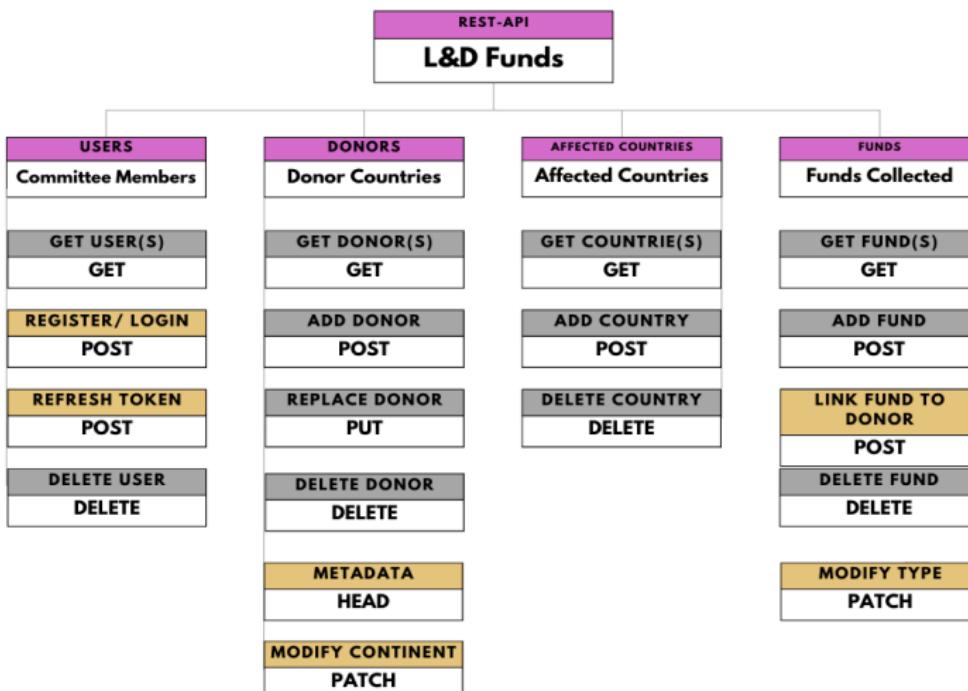
- ▶ Web Service that coordinates between 4 main databases.

# Development Phases

## 5 Main Blocks



# Backend Development



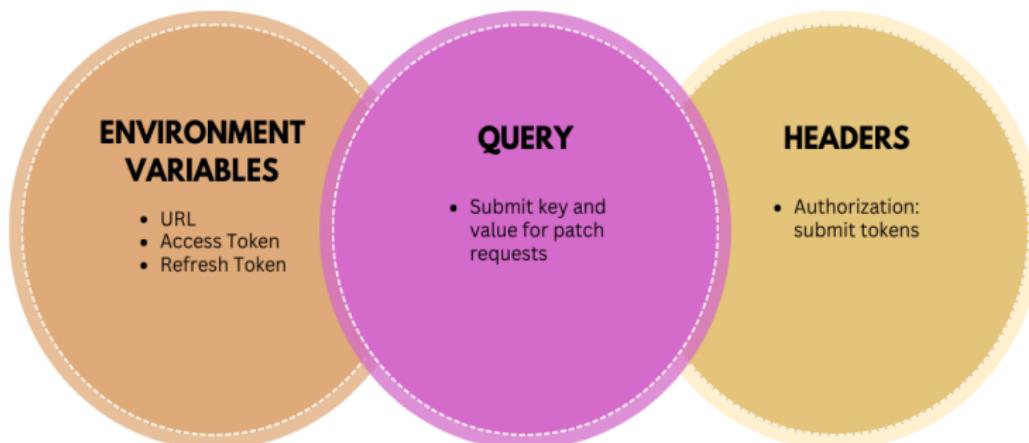
# Backend Development

- ◀ Other APIs have been employed:



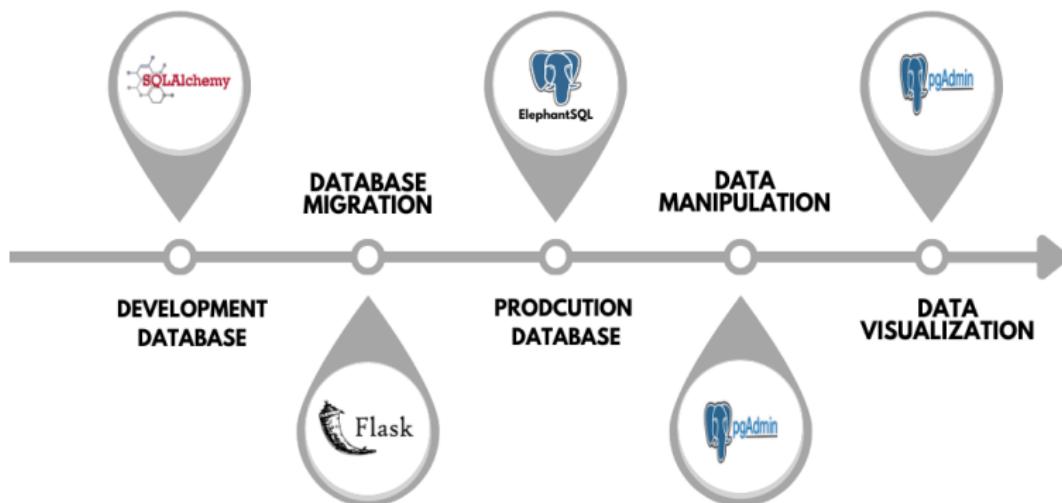
# Backend Development

- ◀ Insomnia/ Postman for testing; Features employed:

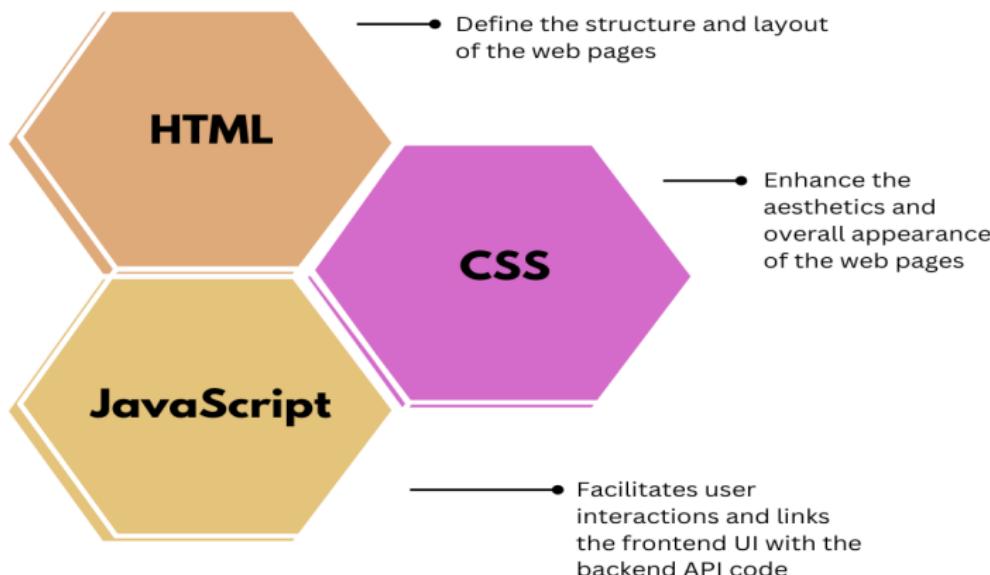


# Data Management & Visualization

- ◀ Different Python libraries and tools were implemented:

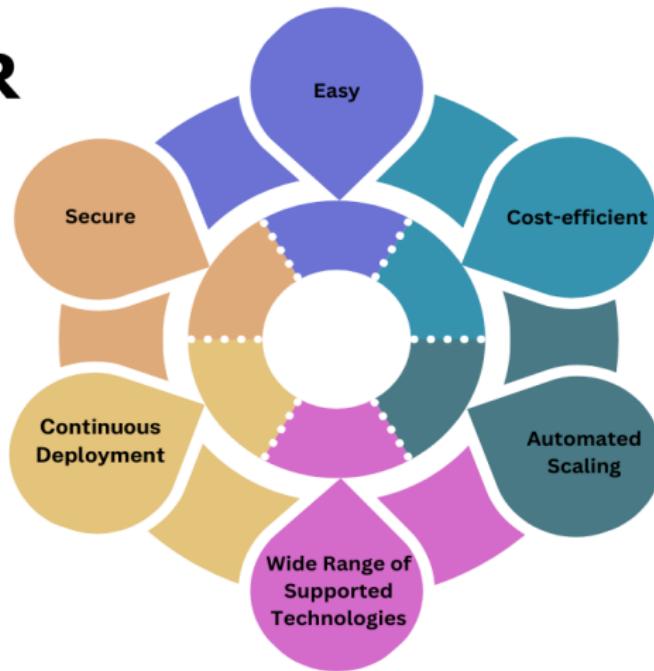


# Frontend Development



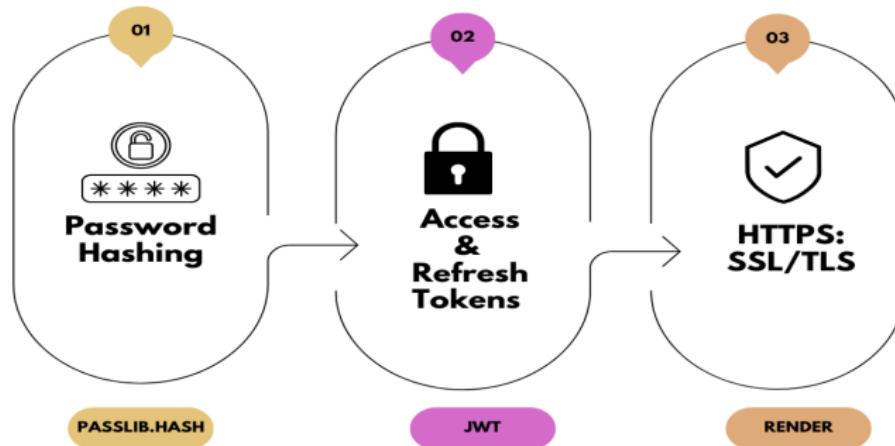
# Deployment & Hosting

⚡ RENDER

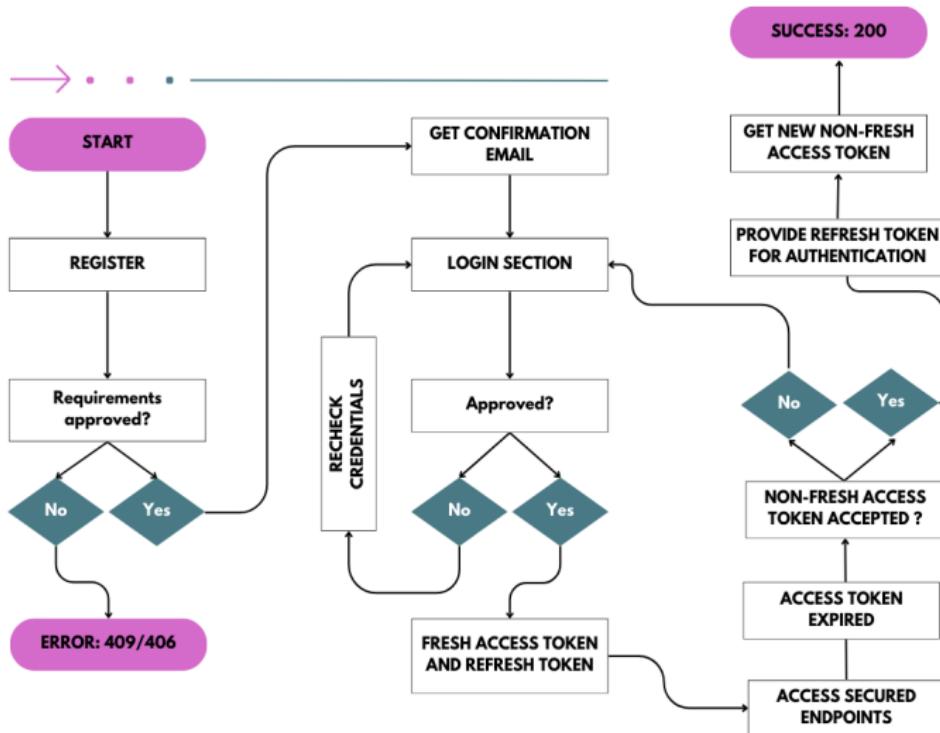


# Cyber Security Measures

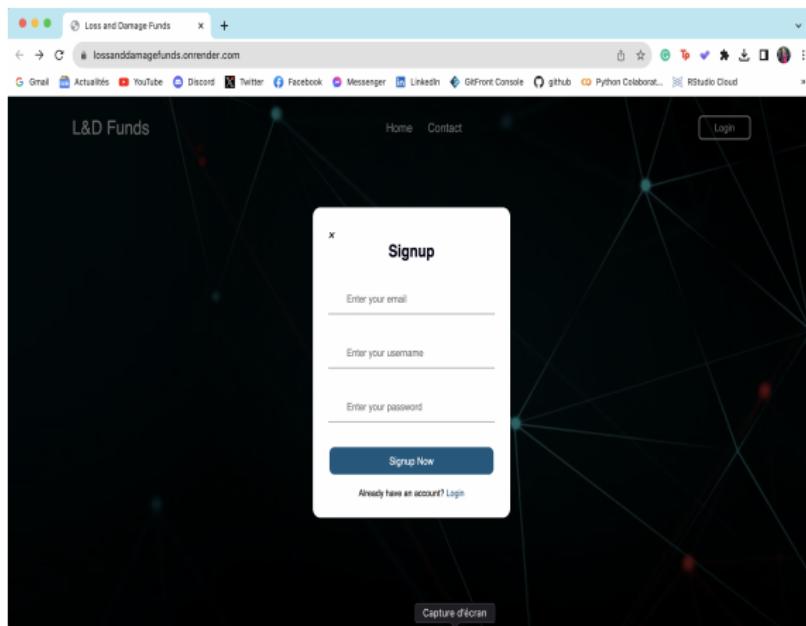
- Three different levels of security are integrated:



# Access/Refresh Tokens Protocol:

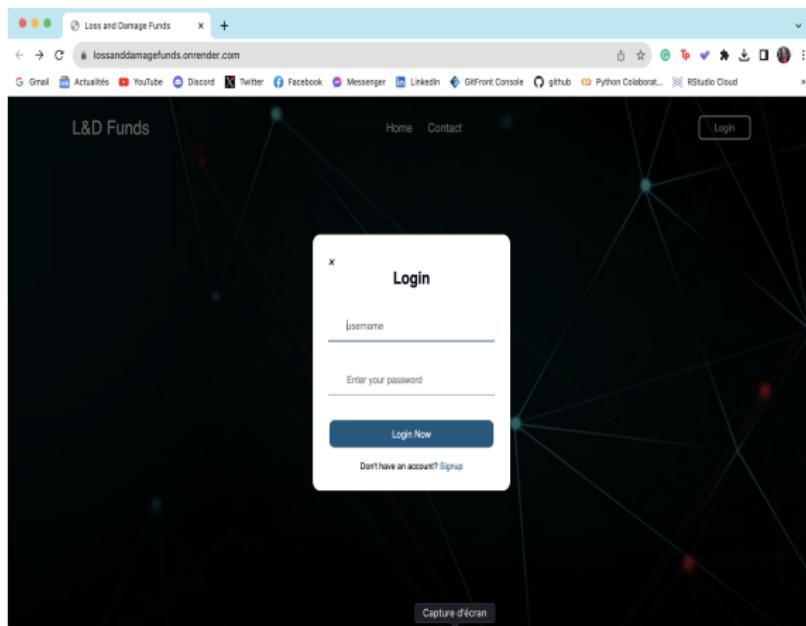


# Work Done



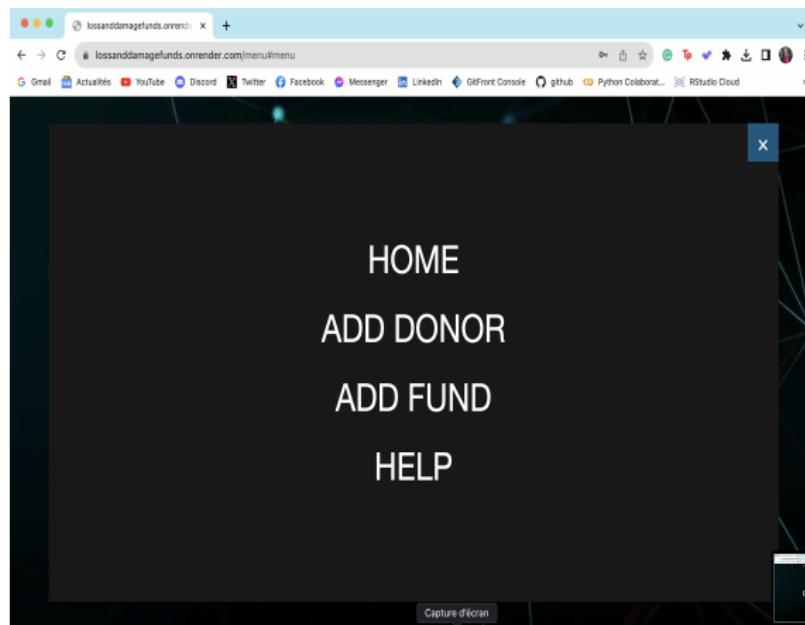
◀ Signup Section

# Work Done



◀ Sign in Section

# Work Done



◀ Menu Section

# Work Done

The screenshot shows a donation form on a website. At the top, there is a header with the URL "lossanddamagefunds.onrender.com/addfund". Below the header, there are several input fields:

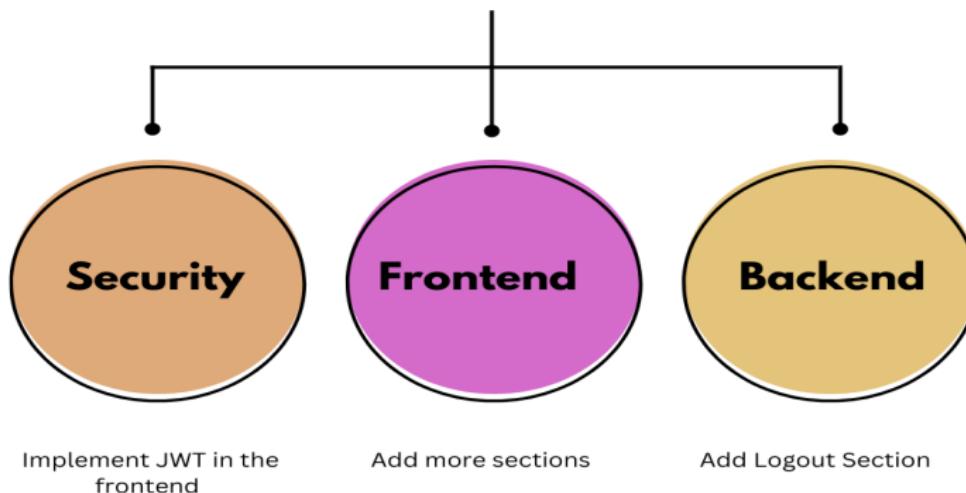
- Donation in k\$**: A large input field with a dark gray background.
- Affected Country**: A dropdown menu showing "Palestine".
- Donor**: A dropdown menu showing "UAE" (highlighted in blue), "QATAR", "KSA", and "EGYPT".
- Type of Donation**: A dropdown menu showing "Cash" (highlighted in blue), "Medical Health", "Technical Assistance", "Infrastructure Development", "Food Aid", "Environmental Aid", "Security Assistance", and "Cultural Exchanges".

At the bottom of the form are two buttons: a blue "Send" button and a smaller "Capture d'écran" button.

◀ Funds Section

# Work Plan

## Next Steps



Motivation  
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Loss & Damage Funds  
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Development Process  
oooooooo

Work Done  
oooo

Work Plan  
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*Thank you for your attention!*