

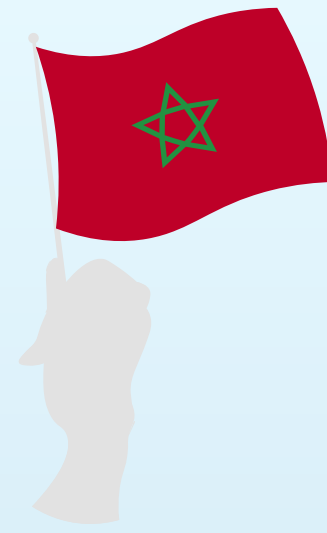


SAVE WATER , SAVE LIFE

Every drop counts.



Problem Statement



هسبريس - عبد الإله شبل

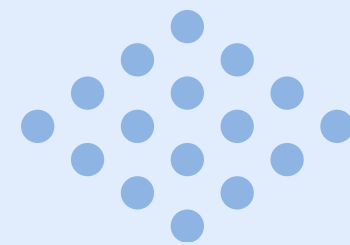
الخميس 1 غشت 2024 - 02:00

حظيت الأزمة التي تعرفها البلاد من حيث ضعف الموارد المائية بحصة الأسد ضمن خطاب الملك محمد السادس بمناسبة الذكرى الخامسة والعشرين لعيد العرش؛ وهو الحال الذي بات يدفع إلى البحث عن حلول لتجاوز هذه الوضعية الصعبة.

وفي الوقت الذي تحدث فيه الملك عن الإجراءات الاستعجالية والمبتكرة التي تم اتخاذها لتجنب الخصاص في الماء، فإنه تحدث عن مظاهر تبذير المياه وسوء استعمالها، مؤكداً أن "الحفاظ على الماء مسؤولية وطنية، تهم جميع المؤسسات والفعاليات. وهي أيضاً أمانة في عنق كل المواطنين".



Proposed solution



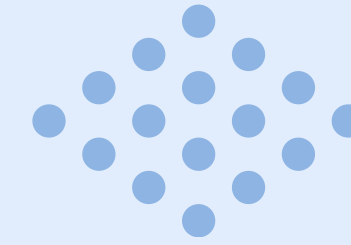
Innovation & Originality

Transforming traditional water meter readings into AI-driven insights and integrating a chatbot for interactive consumption guidance addresses overconsumption innovatively.

✓ No Existing solution in the Moroccan Market

Impact

Promotes sustainability by reducing water wastage and helps families save costs through efficient usage and personalized alerts.

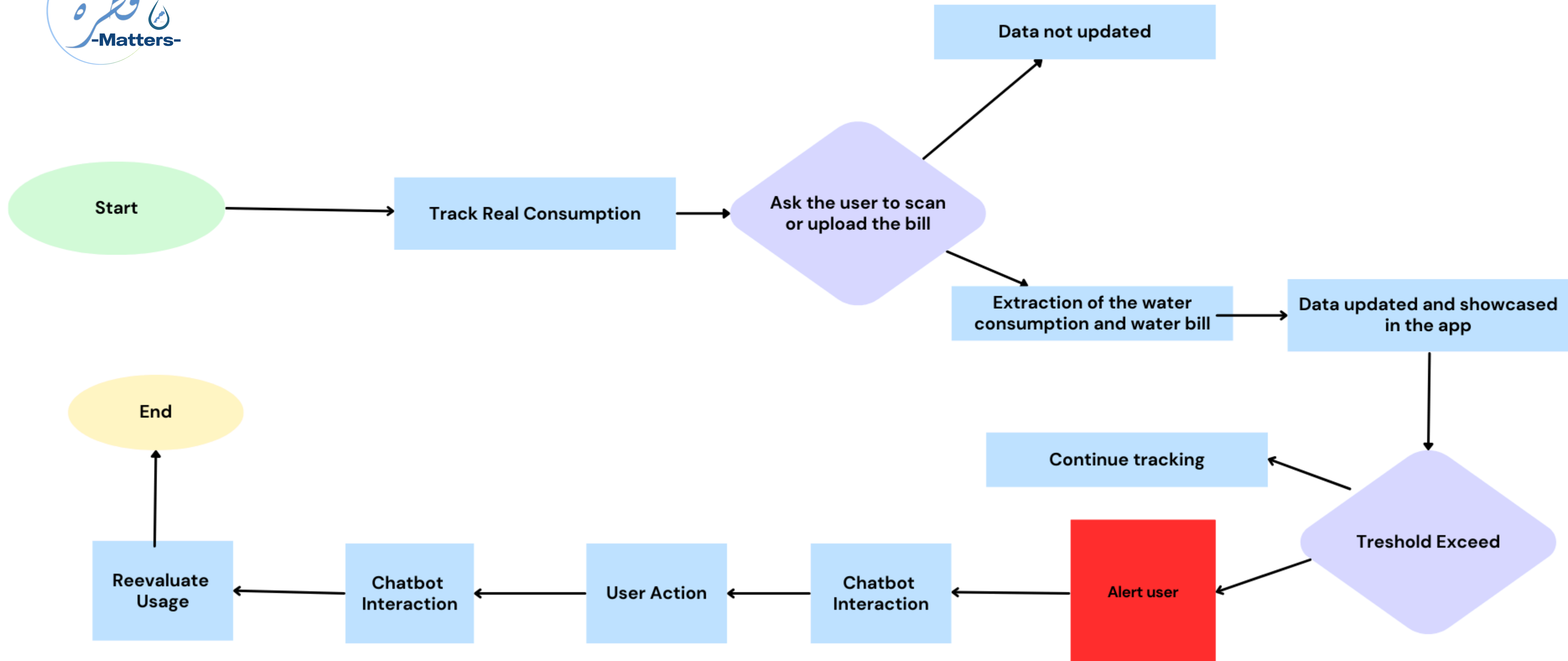


Feasibility

AI tools like LSTM for forecasting and Dialogflow for chatbots streamline development, while a Streamlit-based app with OCR ensures efficient and interactive functionality

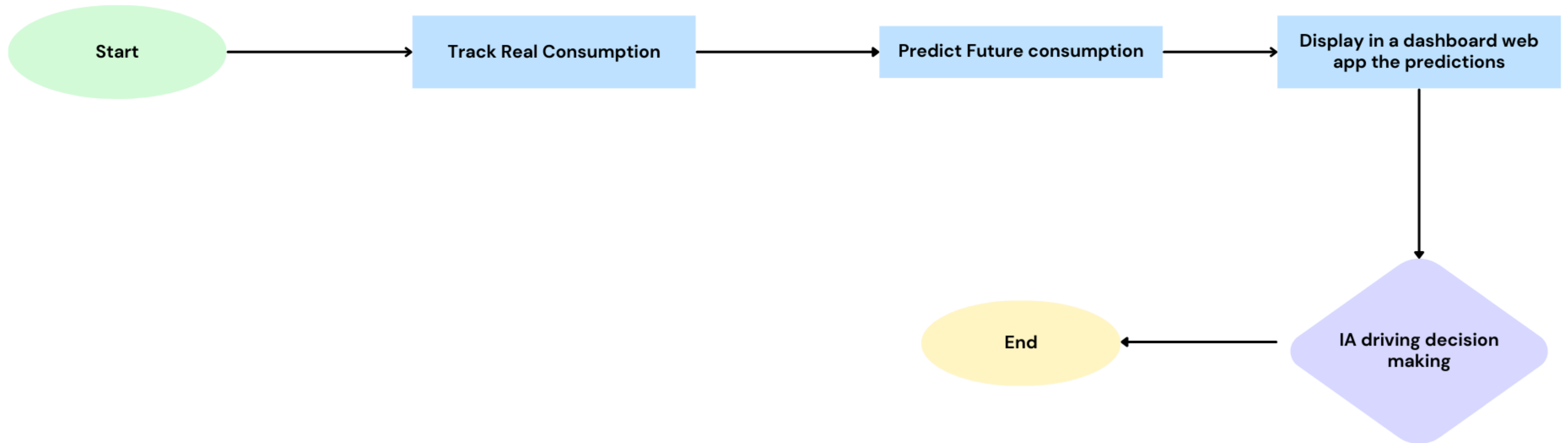
For user

Workflow



For administrator

Workflow



TARGETED MARKET AND INCOME STRATEGIES



B2B Partnerships

01

with water Management Companies (ONEP , LYDEC , REDAL , AMENDIS , AMADAL).

Corporate Sponsorships

02

With environmentally conscious companies that want to associate their brand with water conservation effort (OCP, Banks with CSR programs)

Households

03

- Basic Plan : Free tracking.
- Premium Plan: Advanced analysis

Government Bodies

04

Secure government grants or contracts to deploy the app in nationwide water conservation campaigns.

فطرة فطرة.. نا يحمل الولا
- فانس زماح -



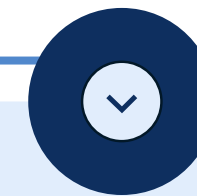


Our vision



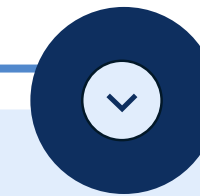
Short Term (1-2 years)

- Deploy the freemium model for rapid adoption and a broad audience.
- Design the chatbot to use accessible language (Moroccan arabic) and insure an intuitive user interface.
- Establish B2B partnerships with ONEP, LYDEC, and REDAL to provide analytical tools.



Medium Term (2-5 years)

- Expanded government collaborations.
- Engaged corporate sponsors.
- Advanced features introduced (Anomaly Detection, Multi-Level Application).



Long Term (5+ years)

- Integrated IoT: Adopt smart water meters for automated and precise tracking.



Our Team



BIH Ayoub

Deep learning
engineer at Brainchip



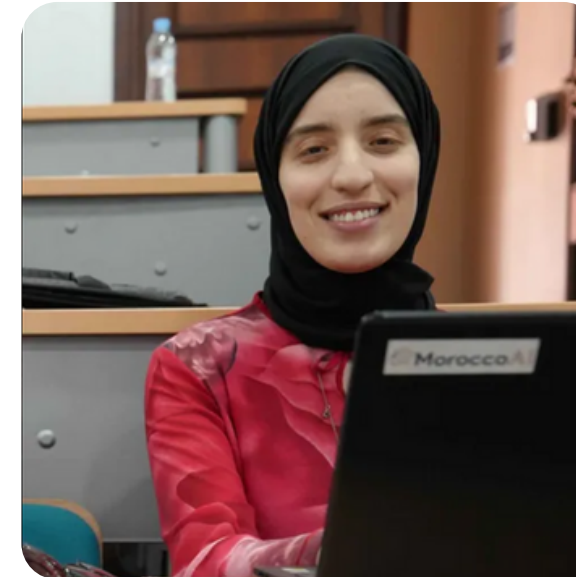
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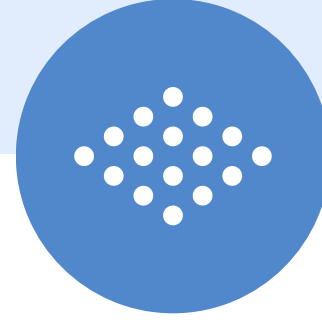
AKRIKEZ Souhaila

Phd Student In Artificial
Intelligence at Mohamed
V University



**BOULAGHROUS
Meriame**

Embedded student
engineer at UPF



»»»»» **THANK YOU!** <<<<<

We're just getting started!

فطره فطره.. نا يحصل الولا