

The logo for ASQII features the letters 'ASQII' in a bold, black, sans-serif font. The letter 'A' is stylized with a small circle at its base, resembling a magnifying glass or a microscope lens. The letters 'S', 'Q', and 'I' are also bold and blocky, while the final 'I' is a simple vertical bar.

HEALTHTECH STARTUP

**PFE BOOK 2024**

Join the Future of Cancer Treatment !

A decorative graphic consisting of a dashed grey line that curves from the right side of the text towards the bottom right corner. At the end of this line is a light blue circle containing a white right-pointing chevron (>). In the bottom right corner, there is a solid dark blue circle with a smaller solid dark blue circle inside it, positioned slightly above and to the left of the larger one.



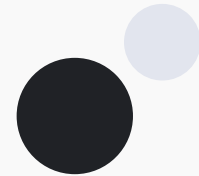
# ABOUT ASQII



# ASQII

HEALTHTECH STARTUP

ASQII is a Healthtech startup dedicated to leveraging digitalization, data analysis, and process automation to enhance cancer care. Our mission is to empower patients with an optimal health experience through the use of cutting-edge technologies.





**“ WE AIM TO REDUCE  
THE GAP BETWEEN  
HEALTH & TECHNOLOGY ”**



# OUR MAIN FIELDS OF INTEREST

- **Medical Devices and Robotics** : Develop and improve medical devices and robotics solutions that enhance the precision and efficiency of cancer treatment.
- **Development Solutions for Oncology** : Create web, mobile, and desktop solutions that support healthcare professionals in providing the best treatment experience for cancer patients.
- **Data Science and Computer Vision** : Unlock the power of data to develop and implement solutions that improve cancer treatment and journey.



**JOIN US FOR YOUR END  
OF STUDY PROJECT**



# WHY TO JOIN ASQII?

## Prototyping Lab

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We're constantly exploring and refining groundbreaking ideas for cancer treatment. You will be working on innovative projects that address real needs, with a strong focus on implementation.


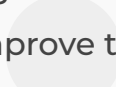


## Enthusiastic And Multidisciplinary Team

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You'll be part of a young team of dedicated individuals from diverse backgrounds, driven by a shared passion for healthcare and technology.

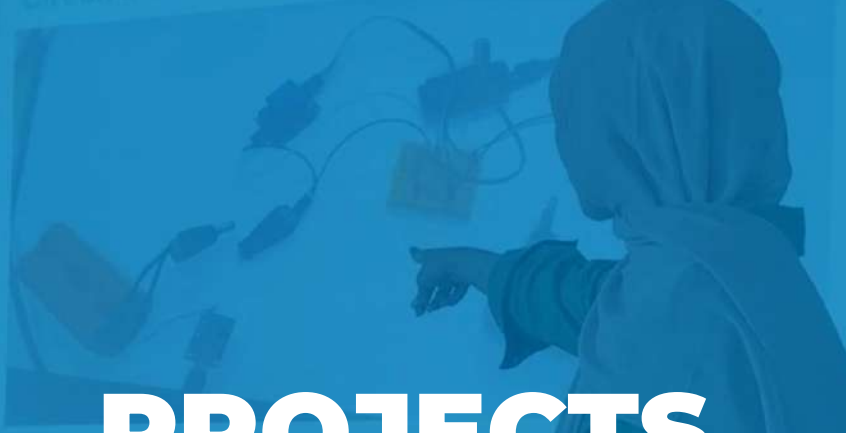
## Innovative Tech Solutions

We actively design innovative solutions that harness technology to improve the patient journey, ensuring that cancer treatments are more effective and less invasive.





Circuit d'ouverture du porte



# PROJECTS





# PROJECT 1 : Automated solution for Chemotherapy Preparation

Enhances safety, traceability, and quality in oncology care by automating chemotherapy preparation according to medical prescriptions while adhering to safety standards.

Ref :  
PFE24-01

## Required Profiles for this project :

### Product Designer

- 3D Modeling
- Blender
- Autodesk 3ds Max
- 3D/2D rendering
- Creativity

### Electrical Designer

- Circuit Design
- Altium / KiCad
- PCB manufacturing
- Interfaces HMI
- QT / C++

### Embedded Software

- C, C++, Assembly
- Altium / KiCad
- IoT Design
- UART, SPI, I2C
- Embedded RTOS

# PROJECT 2 : Automated Solution for Pharmaceutical Distribution

Development of a pharmaceutical dispensing machine that allows drugs to be delivered securely and efficiently, while respecting safety regulations.

Ref :  
PFE24-02

## Required Profiles for this project :

### Mechanical Designer

- CAD Modeling
- FDM manufacturing
- Solidworks 3D/2D
- 3D rendering
- Creativity

### Electrical Designer

- Circuit Design
- Altium / KiCad
- PCB manufacturing
- Interfaces HMI
- QT / C++

### Computer Vision

- Python, C++
- OpenCV / TensorFlow
- Video Analytics
- Hardware Integration
- Data collection

# PROJECT 3 : Web Solution For Chemotherapy Preparation

Development of a web application for chemotherapy preparation that will enable healthcare professionals to optimize and control the overall process.

Ref :  
PFE24-03

## Required Profiles for this project :

### Fullstack Developer

- React js
- Node js
- SQL
- Git
- Problem Solving

### UX / Ui Designer

- Figma
- Adobe Suite
- UI Design Theory
- UX Design Methods
- Communication skills

### Devops

- Docker
- Maven
- Jenkins
- Git/Github
- a VPS Experience

# PROJECT 4 : Web Application For Oncologists

We are developing a web application that uses AI to support oncologists throughout the treatment journey.

Ref :  
PFE24-04

## Required Profiles for this project :

### Fullstack Developer

- Angular
- Spring Boot
- Mongo DB / SQL
- Git
- Problem Solving

### UX / Ui Designer

- Figma
- Adobe Suite
- UI Design Theory
- UX Design Methods
- Communication skills

### Data Science (AI)

- Python
- ML Algorithms
- DL Architectures
- Data Collection
- Data Visualization
- Problem Solving

# PROJECT 5 : Mobile Application For Oncology

Development of a mobile application for patient to assist them throughout their treatment journey.

Ref :  
PFE24-05

## Required Profiles for this project :

### UX / Ui Designer

- Figma
- Adobe Suite
- UI Design Theory
- UX Design Methods
- Communication skills

### Mobile Developer

- Flutter
- SQL
- Android Studio
- Git
- Problem Solving



If you are interested in any of the projects,  
please fill the form by scanning the QR code :

For further information, feel free to contact us :

- Website : [www.asqii.tn](http://www.asqii.tn)
- Phone : +216 25 304 756
- Email : [contact@asqii.tn](mailto:contact@asqii.tn)
- Address : Rue Ibn Battouta, Le Kram, Tunisia



<https://bit.ly/asqii-pfe>

