PM PITCH

JUSTIFICATION

Speeding up and de-complicating healthcare procedures, anticipating possible diseases, guiding patients correctly

PRODUCT

The application, which works with AI integration, keeps the data of patients, analyze them and directs patients to the right areas about their problem accordingly. It provides information in many areas such as disease risks, treatment types and treatment process.

EXT STAKEHOLDERS

Health Compliance Consultants:Ensure that the app is compliant with health regulations LAW

Health Workers: Adding the data taught to the AI by a professional healthcare professional so that the app can make accurate predictions

ASSUMPTIONS

Product Lifespan:
3 year lifespan of product
(4 total years)

Discount Rate:
%5

Expected Cashflows:
140K€ at beginning of 2nd year,
280K€ at beginning of 3rd,
420K€ at beginning of 4th.

RISKS

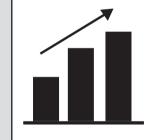-AI algorithms can give inaccurate results, which can lead to incorrect diagnosis or treatment.

-Health professionals may not trust AI results, which could make adoption of the technology difficult.

-The inclusion of artificial intelligence in decision-making processes can lead to ethical debates.

SMART OBJECTIVE

Build and successfully deploy a AI Integration based Mobile App health system for hospitals to reduce complexity internal use within the budget of 600K before December 31, 2025 providing net cost savings of 240K in 4 year.

REQUIREMENTS

Patients are given special identification numbers to log in to the system. The system interprets information such as appointments, test results, ultrasound and X-ray, as well as personal data such as weight and height through artificial intelligence to make diagnoses and predict possible diseases. As a result, patients are offered appointments directly to the necessary departments as soon as possible.

In addition to this,
the symptoms shown to the virtual doctor in the system are indicated,
allowing patients to indicate the possible diagnosis and direct them to
the necessary areas, and similar functions will be added according to
the needs of the patients in the future.

TEAM

Project Manager (1 Person):
Project planning and management.

Data Scientist (1 Person):
Analyzing dataand performing modeling, developing artificial intelligence algorithms.

Software Developers (2 Persons):
Designing and developing the user interface, debugging and performance

Test Engineer (1 Person): Planning and executing testing processes for the software.

System Engineer (1 Person):
Designing and managing databases serves

DELIVERABLES

System improvements on monthly software

MVP,basic version of the app that includes features

Alpha Version, an internal version of the app that includes most features but may still have bugs

Beta Version, more fixed version that includes all intended features and is ready for external testing.

RC, a version that is almost ready for release

Final, fully functional and done version of the app, ready for deployment

TIMELINE

1 year of development before release, delivery no later than 31.12.

MVP start: 1.1 end: 28.2

Alpha Version start: 1.3 end: 31.5

Beta Version start: 1.6 end: 30.8

RC start: 1.9 end: 31.11

Final start 1.12 end: 31.12

BENEFITS

-Enhancing Patient Care
-Reducing the workload on healthcare professionals
-Preventing complexity in hospitals
-Saving time and money by infusing technology into the health field
-More patients have the chance to be treated without causing complexity
 -Rapid diagnosis
-%10 Return On Investment(ROI)
-Payback Period in the beginning of the 4th year
-840K€ Total income for 4 years

CONTRAINTS

Project Budget: 600K€

Max. Duration: 31.12

Team Size: 6 developers

$$$ COSTS

600K€

Project Model Canvas