# PROJECT REPORT

Technical Stack: AI and Machine Learning

Team Name: team-ai02

Project Domain: Healthcare

Team Members:

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**Project Idea and Synopsis:**

We aim to build a Model for Cancer Prediction and integrate it with the Web.

**Learning:**

The team includes a few beginner-level and a few intermediate-level skilled members. So, this project will test and improve the Python Development skills as well as ensure increased proficiency in Machine Learning Models, Libraries like Pandas, Sci-kit Learn, TensorFlow etc.

A new concept that we hope to learn along the way is integrating our cancer prediction model with the web and creating a user interface.

Working with many members on the same Repository will also improve the Git/GitHub skills of all participants.

**Approach and Deadlines**:

We have conducted 2 meetings so far in which we finalized the domain, type of model and distributed work.

As of now, there will be meetings every 5 days to ensure everyone is motivated and so that we can track the progress.

**30th June** – Everyone will be midway through their task and dataset will be acquired, cleaning of dataset.

**15th July** – Exploratory Data Analysis and outlier handling to be done. Building the model, hyperparameter tuning and increasing accuracy of prediction.

**1st August onwards** – Work on integration with web and creating user interface

**15th August** – Wrap up and final touches