**Introduction:**

The proposed project is a breast cancer classification software with an online portal. The goal of the project is to create a deep learning breast cancer classification model for histopathology images for detection and classification into subclasses of benign and malignant tumors. Furthermore to create a database where patient data and reports are saved in a centralized database and to use this data to create a real time dashboard to give an overview of current statistics.

**Technologies:**

* Front End : ReactJS with Material UI
* Back End: NodeJS with Express, Python with FastApi to connect model with application
* Database : MySQL
* DL Model : Python – Keras
* API: Rest API’s, GraphQL for dashboard

**Users:**

* Administrator – Can alter users, patients and has access to all data
* User – A doctor/hospital/laboratory that can register patients and view records for their patients only
* Patient – A patient who can only see his report