

# LIST OF PUBLICATIONS

## Refereed Journal Papers

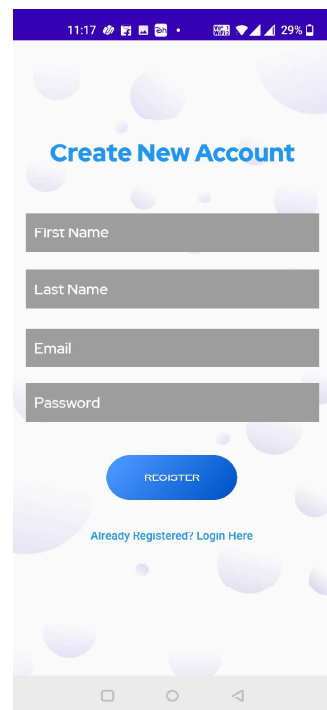
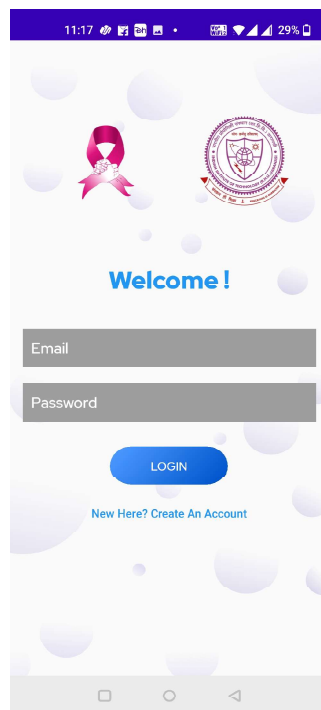
1. **Abhinav Kumar**, Sanjay Kumar Singh, K.Lakshmanan, et al. “Deep feature learning for histopathological image classification of canine mammary tumors and human breast cancer”, *Information Sciences*, 508 (2020): 405-421.  
(*SCI Journal, Impact Factor: 6.795*)
2. **Abhinav Kumar**, Sanjay Kumar Singh, K.Lakshmanan, et al. “A Novel Cloud-Assisted Secure Deep Feature Classification Framework for Cancer Histopathology Images”, *ACM Transactions on Internet Technology (TOIT)*, 21(2) (2021): 1-22.  
(*SCI Journal, Impact Factor: 3.135*)
3. **Abhinav Kumar**, Anshul Sharma, Sanjay Kumar Singh, et al. “MobiHisNet: A Lightweight CNN in Mobile Edge Computing for Histopathological Image Classification”, *IEEE Internet of Things*, (2021).  
(*SCI Journal, Impact Factor: 9.936*)
4. **Abhinav Kumar**, Sanjay Kumar Singh, K.Lakshmanan, et al. “CoMHisP: A novel feature extractor for histopathological image classification based on fuzzy SVM with within-class relative density”, *IEEE Transactions on Fuzzy Systems*, 29(1) (2021): 103-117.  
(*SCI Journal, IF: 12.029*)

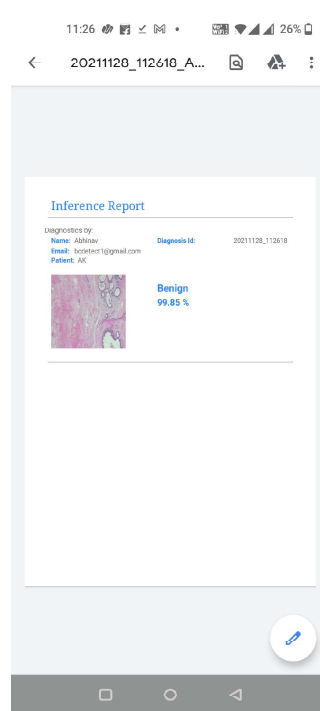
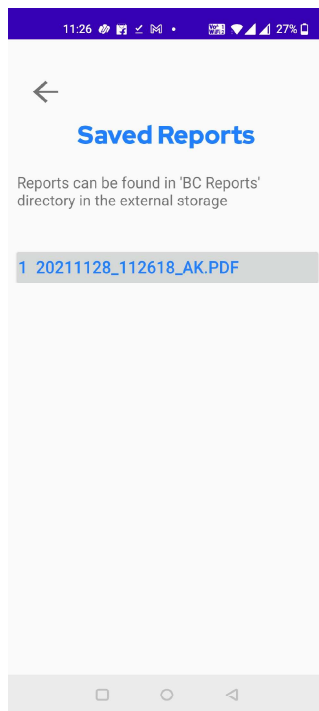
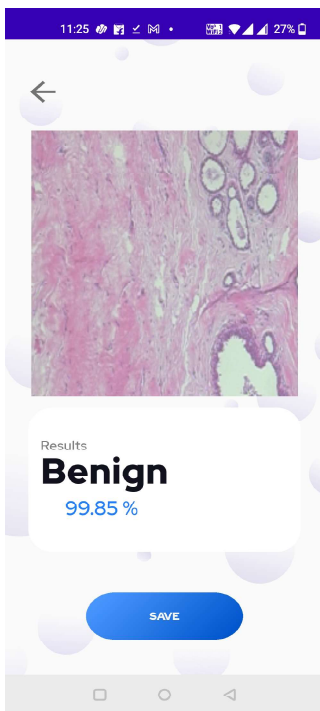
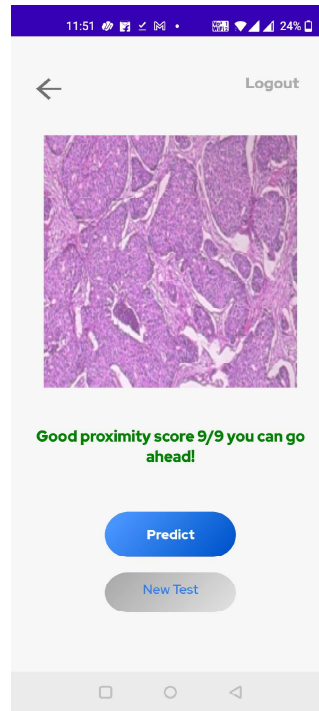
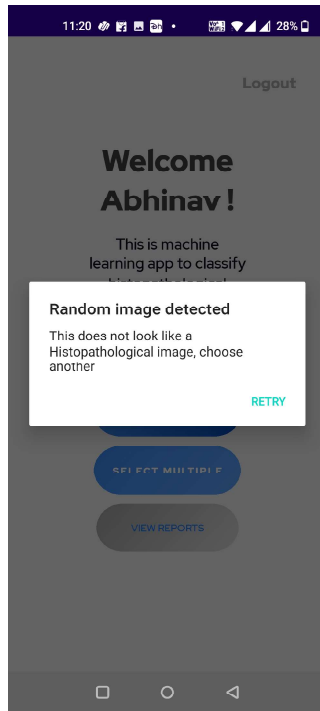
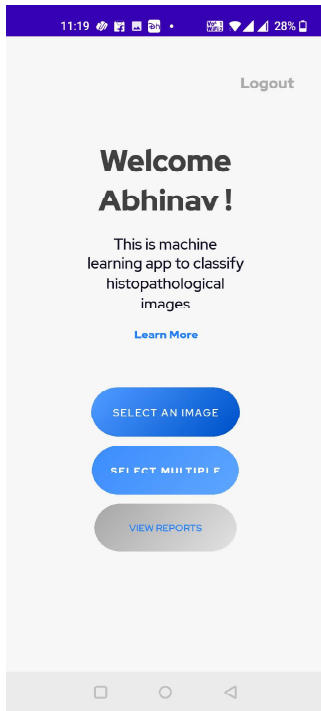
## Refereed Book Chapters

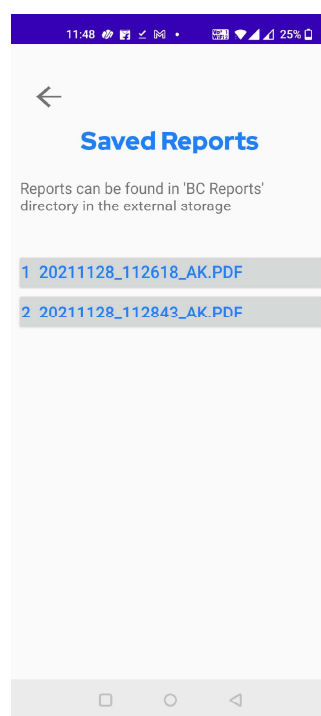
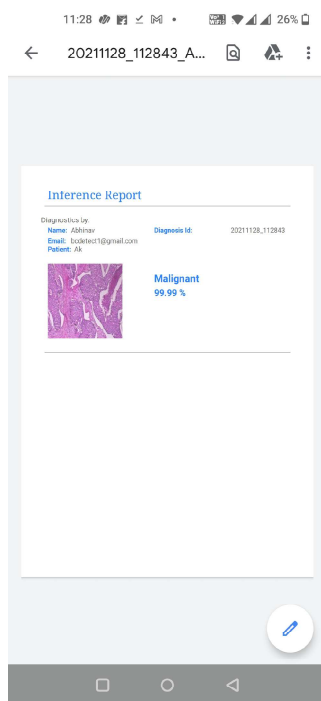
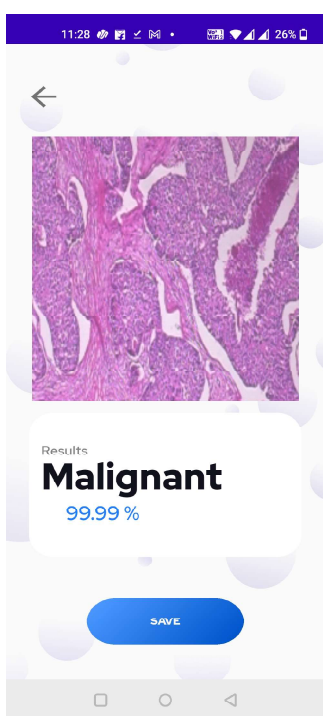
1. **Abhinav Kumar**, Sanjay Kumar Singh, et al. “Internet of things and other emerging technologies in digital pathology,” In IoT-Based Data Analytics for the Healthcare Industry. Elsevier Academic Press, 2020.
2. **Abhinav Kumar**, Sanjay Kumar Singh, et al. “Recent Trends in Histopathological Image Analysis,” In Medical Information Processing and Security. IET Press. (Accepted)

# Appendix

## Screenshots of Android App









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