# MediClip

MediClip fills a need in the Health digital market to bridge the gap were hospital systems are mainly terminal based which creates a gap when it comes to the patients that are in beds. Having doctors and nurses being able to view information and add notes to a patients files in the moment with the patient allows for a seamless journey of information around a hospital. The system currently in place can cause lost or inaccurate data because information has to be written down and then converted to the a digital form which creates more work for hospital staff.

# Reference List

## A1

Xamarin Help Website, Adam Pedley, <https://xamarinhelp.com/use-camera-take-photo-xamarin-forms/>, Explanation of how to use the Xam.Plugin.Media package, to have our app use the camera to take photos and store the photos. We modified the provided algorithms to work with our code and had to install various nuget packages to allow for camera permissions.

## A2

## B2

## C1

Source: Lab 5

Code was borrowed from week 5 lab to enable the Accelerometer and to disable the accelerometer. Changed method called when a reading is registered.

## C2

Source: W3 Schools <https://www.w3.org/TR/accelerometer/>

Below code was adapted from a similar shake check but code had higher values and checked each value individually and returned values instead of bools.

## C3

Source: Xamarin Forum <https://forums.xamarin.com/discussion/25375/datetime-tolocaltime>

Had to create a variable that to call date and time to Name the photo so each photo has a different name dictated by the date and time the photo was taken and the PatientID