**Risk Identification**

## Failure of external components

## Since sensors and GSM are being used in this, if anyone of them fails it can lead to an error in the application. This risk factor can be mitigated by continuous evaluation of the components and have a reliable network.

## Lack of real-time performance

## In case the app crashes or if the network becomes slow, the real-time performance of the system might be compromised. To mitigate this we should try to minimize the bugs in the app and have a faster network.

## Gold plating

## Gold plating refers to continuing to work on a project or task well past the point where the extra effort is worth the value it adds (if any). After having met the requirements, the developer works on further enhancing the product, thinking the customer would be delighted to see additional or more polished features, rather than what was asked for or expected. The customer might be disappointed in the results, and the extra effort by the developer might be futile.

## Difference of opinion

## Difference of opinion amongst the team can lead to issues, moreover, it could also result in the change of the basic requirements. The team members should work with mutual understanding and should discuss the issues rather than arguing over it.

## Lack of required knowledge or skill

## Without any prior experience of application development, it can be time consuming and very difficult to create a proper application. It would be better to be aware of the do’s and dont’s of application development and to be well aware of the language in which the app is written.