**Challenge – Design a Software Development app**

You are required to get together in groups of 2 or 3 to design an app to sell the Software Development course which will be presented at the CSN Open Day on March 5th, 2019 (9 – 6pm). The colours of the CSN logo must be incorporated in your app design. Focus on the Android design principles when in design phase. You must also maintain a log of the tasks to be completed by each individual (Use <https://trello.com> or similar). The app must comprise of the following activities however you may add extra activities to enhance the app

1. Launch activity – should contain logo, etc. and buttons which launch the other activities
2. Activity for the Software Development course/programme
3. Video of CSN ICT facilities
4. Google Map pointing to the exact geolocation of CSN College
5. Activity which will allow visitors to input a message which can then be viewed in Firebase Realtime) database

**Phase 1 – Design After each phase consult with your teacher**

* Teams of 2
* Produce videos, images, etc.
* Source and streamline the text you wish to use in each activity
* Sketch and/or Photoshop mock-up of each activity (colours should be clearly identified in sketches/mock-ups)

**Phase 2 – Implementation After each phase consult with your teacher**

* Design each activity prepared in design phase
* Design each activity using the relevant widgets
* Code each java file
* Create Firebase Realtime database, etc

**Phase 3 – Testing After each phase consult with your teacher**

* Test each activity and provide a screenshot as evidence
* You also need to provide screenshot of the Firebase Realtime database from the Firebase console
* Produce an apk file
* Email your apk file to r.oconnor@csn.ie

**Your app must present the following**

* CSN logo using its colours in your colour scheme
* 2019 Best Further Education Provider Winner – Irish Education Awards
* Contact details: CSN College, Tramore Road, Cork 021 – 4961020 www.csn.ie
* Any photos, paragraph(s) of text from the Software Development page on website(<https://csn.ie/courses/information-technology/software-development>)

