Please find an attached CSV file "South African Mobile Numbers". This file contains both correctly and incorrectly formed South African Mobile Numbers.
Using any Open Source Framework and making use of Object Oriented Coding design principles.

- Consume the provided file via any of the following means eg. upload / console call / API.
- Test each number and check for correctness, attempt to correct incorrectly formed numbers and reject numbers that are invalid. (27831234567 is the correct format for this exercise).
- Store the results appropriately to DB / Temporary File - as per your discretion.

Display results by the following means - divide the states as follows:
  a) Display acceptable numbers
  b) Corrected numbers + what was modified
  c) Incorrect numbers.

- Use the following methods to display the data by whichever means you feel make best sense for a user to interpret, or machine in the case of an API.
  a. HTML
  b. File (single file or divided - your choice)
  c. API endpoint

- Include a user form to test a single number and get a response with a success status/error
- message - if incorrect, why? And if self corrected, what was done.
- Application should include basic Documentation (readme) & Unit Tests. Making use of existing libraries for the heavy lifting is permitted. If you do use a database, please include seeding files.

Conclusion:
Be creative and have loads of fun, project shouldn't take much longer than a couple of hours, we are not looking for perfection, just an insight into how you work.

Interlogica srl - Società soggetta a direzione e coordinamento di Interlogica Industries Srl - www.interlogica.it

Via Miranese, 91/4 – Venezia-Mestre (VE)   N° di iscrizione c/o Registro delle imprese di Venezia,   Mail: info@interlogica.it
Capitale sociale € 200.000 i.v. – REA VE-354865   Cod. Fisc. e P.IVA 03978500274   Tel: 39 041 5354800 - Fax: +39 041 5354809