Technical Assignment

Full Stack Developer

Thank you for your interest in the Full Stack Developer role at Future Forex! We'd like to ask you to please submit a small mock application for us to evaluate and discuss.

Please make use of the **Django** framework in your solution, and feel free to interpret any ambiguities as makes sense to you. There is no one, correct solution, what's important is that you can justify your decisions and meet the specifications.

The specs for the application are as follows:

- At Future Forex, **RM**s (Relationship Managers) are in charge of a set of clients' affairs. Occasionally, clients are required to submit some documents to their RM for various reasons.

- Currently, RMs send an email to the client asking them to reply and attach the requested documents. When an RM has many clients however, this process becomes quite messy and hard to track.

- A webapp is needed which allows the RMs to manage document requests from their clients. They should be able to see information about their clients and documents, create document requests and then send these out to their clients. Clients will then have some interface through which to upload the documents, at which point the RM will be notified.

- For the purposes of this mock application, do not worry about interface styling or authentication. You can build a single web app that contains all the functionality and can be demonstrated while running locally. You can also ignore the process of logging in as an RM, it is fine to simply hard code the app as though it were always logged in to the same RMs account.

Some helpful notes before you begin:

- Try to make use of built-in Django features where possible and appropriate.
- The emails being sent out will contain a link to upload documents – think about security implications and design your solution with this in mind.
- For RM users, think of ways in which you can make their lives easier when they manage large amounts of document requests – in which different ways might they want to view the data?
- Think about the process, the flow, and the UX for the end-user who uploads the documents – how can you make it as frictionless as possible?

Once complete, you can share your code with:
helmut.i@futureforex.co.za

Make sure to include your name somewhere so that we know you are the author.

Lastly, have fun and enjoy!