ClearSky Logic – Technical Assessment

Estimated Time Required: Maximum 8 hours

Purpose: Congratulations you have made it to the technical assessment stage of the recruitment process, the stage is for the candidate to apply their knowledge and experience to an example real world requirement.

Challenge:

We required a new customer portal be created for a property letting agency, their customers need an online system to allow them to register interest in properties available on the market.

The portal will require the following functionality:

- Provide a list of properties available for rent
- User can create an enquiry to note their interest in a property
- User can register an account
- The user can then login to see the enquiries they have submitted along with which property these were raised against.

Design a solution end to end consider all aspects of development including but not limited to the following:

- Integration layers
- Security
- Usability

Capture the design, including the components in a visual format of your choice (PDF, Visio or alterative).

Build:

Build the solution using the technologies of your choice. We would prefer for the business logic to be written in C# however this is not mandatory.

Outcome:

- Upload the design and solution files to somewhere accessible to us.
- List the project on GitHub
- Host the portal on AWS or Azure
- Be ready to talk through the design & build at the face to face interviews.
- List any questions, assumptions and decisions made through the process.