Architect Job Description

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Wanted: Architect for Self Design, Self Build Project

The project is the conversion of a ground floor shop to a two bedroom apartment. The design, build and project management is being done by the owner who is engaged on the project full time. The project aims to be sustainable both in use of materials and in end use. The goal is to reach the Passive House Institute standards, specifically the EnerPHit Standard applicable to refurbishment of existing buildings.

An architect is being sought to fulfil the following roles:

- Review project designs
  - to ensure they meet Valencia city building regulations
  - to provide advice and alternative options to the owner.
- To aid in the provision of appropriate certifications to local government.
- To aid in Passivhaus certification.
- To suggest contractors and suppliers that may help in different parts of the project.

The following will NOT be part of the architects role:

- Project Design
- Project Management
- Engaging Contractors or Suppliers

The project is being run in the same manner as an open source software project. Requirements, design and analysis are being developed in the R statistical programming language using R Studio and git for version control. Designs are being rendered from data to 2d representations and 3d Blender models. The language of the project is English.

The following describes the team involved in the project so far::

- Ian - the owner. Ian is a mathematician with a Phd in Human Factors Engineering. He has 30 + years experience in software architecture, software engineering and software project management in an investment banking environment. He also has build experience for clubs and festivals events.
- Mick - the owners friend. Mick has 30+ years experience in the UK construction industry. He also has build experience for clubs and festivals events.
- Samuel - the owners son. Samuel is a mathematician who will be helping with software and calculations and may help with on site build.
- Tegan - the owners daughter an aeronautical and software engineer who will be helping with software and calculations and may help with on site build.
- Carol - the owners friend. Carolina is a Valenciana with 20 years administrative experience. She will be helping with Spanish translation, administration and purchasing.

Further details and documents can be found on the project git repository https://github.com/ianksalter/sust ainablehomevalencia A good place to start is with the readme file https://github.com/ianksalter/sustainabl ehomevalencia#readme.