# Project Specifcations

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# 1 Application Overview

We have decided to create a platform for people to share all things cooking. This will be a recipe website with an emphasis on shairng specific information, by encouraging people to post photos, recipes and share ideas. Our team has decided to create a platform to allow users access to recipes, as well as post their own recipes with any type of media: videos, images, etc. Futhermore other than sharing their own recipes, we will allow users to follow different content creators and provide a feed of personalised recipes, based on previous recipes that the user has viewed or by different creators they have followed.

# 2 Specification

## 2.1 Functionality

1. Users sign up and manage their account: profile, posts, feed, etc.

2. Search box to search for recipes and other users.

3. Allow users to post in structured manner: a section for image, section for method and a section for ingredients.

4. Allow users to browse through different catagories and content creators via menus and submenus.

## 2.2 Assumptions and Dependencies

We are assuming that users will want to post recipes in a structured format, that is: uploading a picture of the finished product; entering key details such as the ingredients list; method taken to reproduce recipe and how many people it serves.

## 2.3 Developments Methods

We will use a version control system to collabrate, the specific tools being git and github. To implement the project we will be using Python with the Django framework as well as several different other programming languages and tools such as photoshop for site graphics.

# 3 User Personas

## Persona 1

Name: John Smith

Occupation: University Student

Location: Edinburgh

Age: 24

### Bio

John does not have much experience with cooking. He is on the university football team so is looking for simple healthy dishes on a budget. John wants to follow people that promote a healthy way of living and sometimes bakers when he wants to impress his new flat mates with cake and pies. He has used technology for most of his life so has no issues with using new applications and will access them on his laptop, phone or tablet.

### Goals

- John would love to be a professional footballer
- He wants to be in the best shape possible
- He wants to be much more confident in the kitchen

### Frustrations

- Inefficient things
- Over sharing on social media
- Fake news

### Technologically Skilled

★★★★★

# Persona 2

Name: Margret Collins

Occupation: Retired

Location: London

Age: 69

### Bio

Margret is looking is looking for some delicious and healthy recipes for her grandchildren. Margret is a bowling player and is a former local champion. Grandma Margret loves to bake cakes and make casseroles but her grandchildren are getting sick and bored of the same dishes every time. She is not very familiar with technology and sometimes struggles to understand how to use even the internet's most popular websites.

### Goals

- Make friends and family happy
- Try new things
- Try and attend more bake sales
- Raise money for charity

### Frustrations

- Confusing Websites and technology
- Brexit
- Adverts

### Technologically Skilled

★★★★★

# Persona 3

Name: Steve Williams

Occupation: Chef

Location: Glasgow

Age: 39

## Bio

Steve is the head chef at his own café in the centre of Glasgow. He is always looking for opportunities to promote his work, he feels the best way of doing this is to share dishes and ideas he has online to encourage people to come and try his cuisine. He is very comfortable with technology and has a passion for photography as well as food.

## Goals

- Grow his business
- Expand his knowledge of food
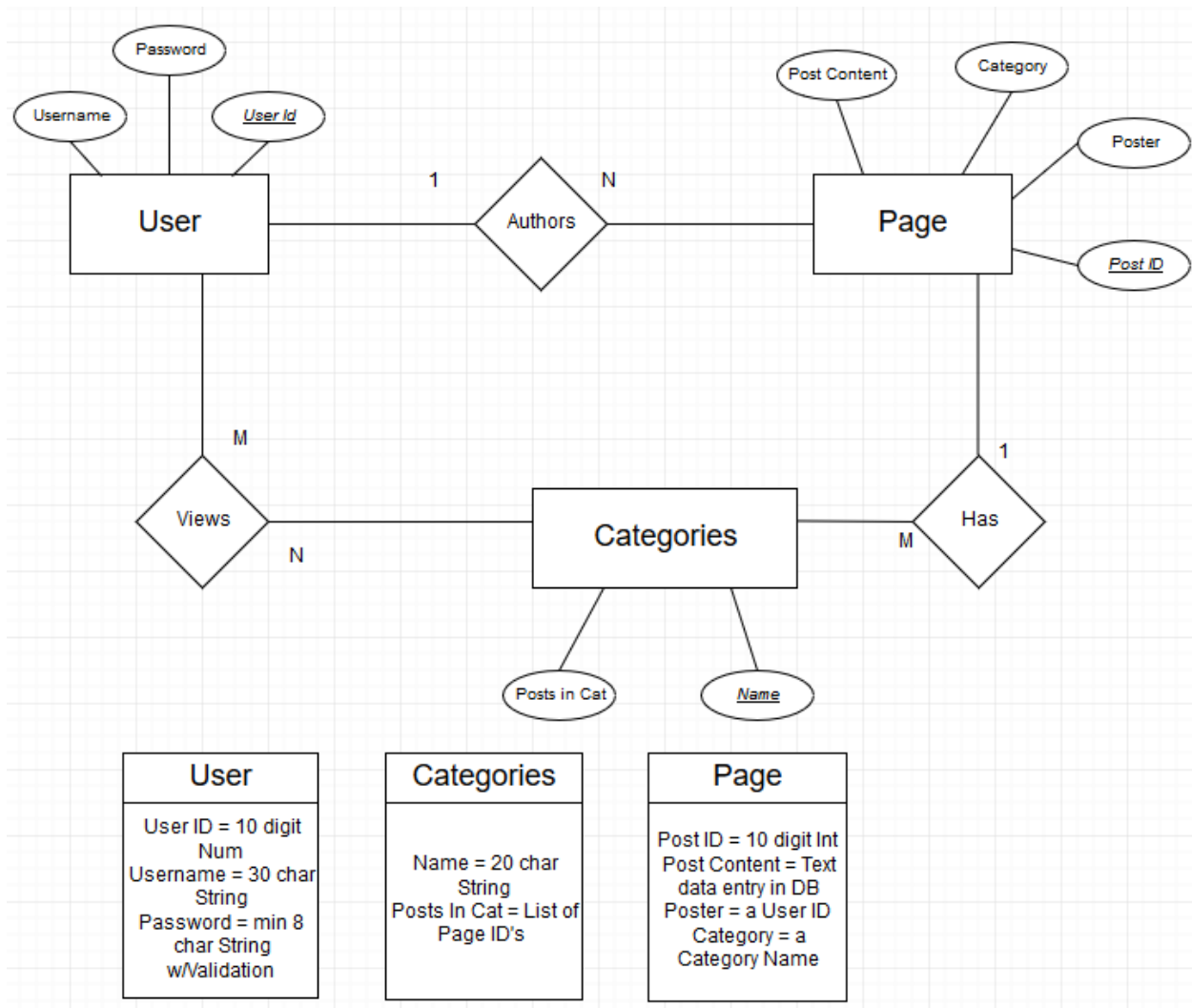- Learn the piano
- Lead a healthier lifestyle

## Frustrations

- Food critics
- Cats
- Cluttered websites

## Technologically Skilled

★★★★☆

# 4 System Architecture
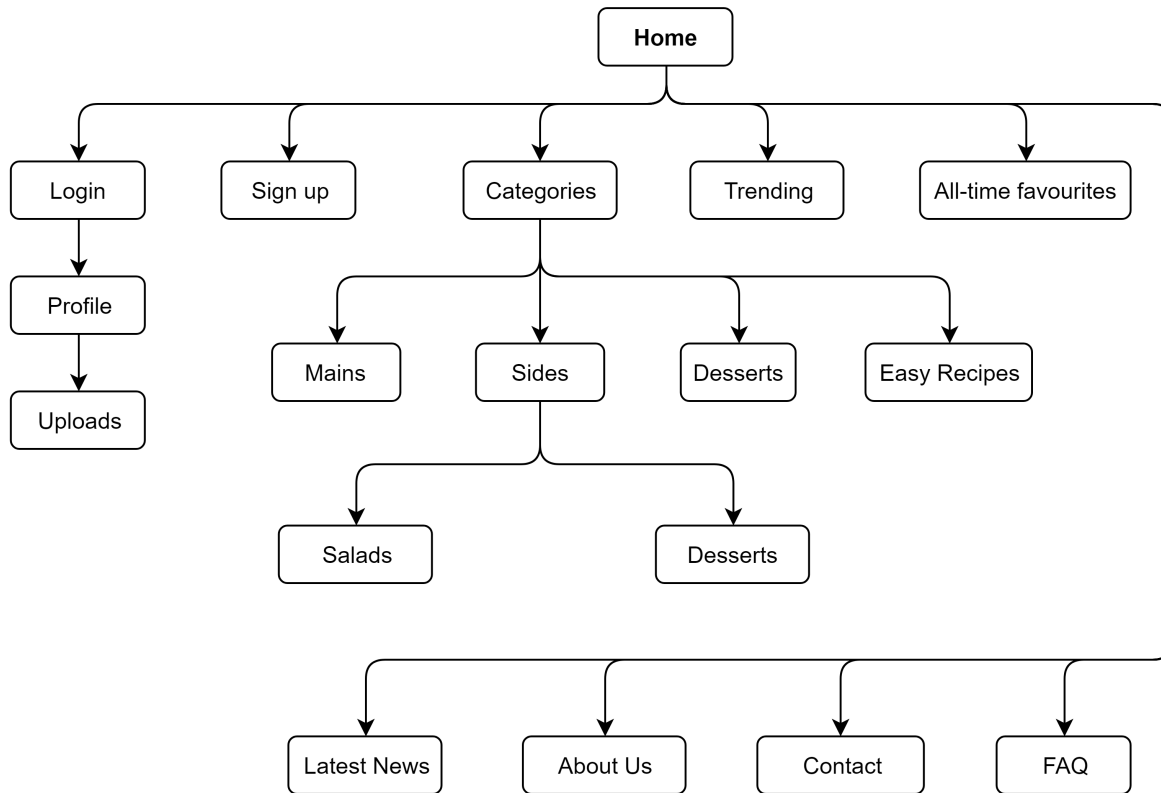
# 5 Entity Relationship Diagram

# 6 Wireframes

# 7 Site Walkthrough



## 7.1 Description

### 7.1.1 Main Page Descriptions

#### 7.1.1.1 Home Page

The inital page users will see is a home page. This will have a feed with latest post displayed, a log in and sign up section. Along the top of the page there will be various links to different areas of the website with a parallel line of links at the bottom of the page. These links at the bottom will be mainly for support with a "Contact", "FAQ", "About Us" and "Latest News".

#### 7.1.1.2 Categories

This page will display all the different types of dishes for example, Mains, Sides, Desserts and Easy Recipes that are stored on the website as links. These links take the user to the appropriate page where related posts will be displayed.

#### 7.1.1.3 Profile

This page will contain the signed in users information that he/she has agreed to share with the websites community. It will have a profile picture and all of the posts that this users has created. It will also contain a section where the user can upload data in the form of posts.