BIN COLLECTION REMINDER

Author

* Subhaa Chandar Arumugam

Reviewers

Functional Description

The bin collection reminder checks the county’s council website for the current week’s collection bin color and the day of collection. It then creates an event on the user’s calendar and sends an email to the user.

Required Functions

Google login

A simple login page where the user can sign in with their Google email and password. The app then requests access to the user’s calendar.

Create event in user’s google calendar

TBD

send email to user

TBD

non-google login

Use Django’s login backend. No access to Google calendar, only send email.

Scrape the Council’s site

The app needs to scrape “<https://www.southlanarkshire.gov.uk/directory_record/584505/telford_road_east_kilbride>” for the waste types:

1. Non Recyclable waste – Green/Black
2. Food and Garden – Brown
3. Paper and card – Blue
4. Glass, cans and plastic – Grey

Task scheduler

Run this job every Monday at 12am.

Milestones

1. User can login using non-Google option.
2. User can login using Google account.
3. App is able to scrape site for relevant details.
4. App able to send email to user.
5. App is able to create an event in user’s Google calendar.
6. Job scheduled to run every week.

***This spec is not complete***