ANALYSIS ASSIGNMENT

MAIL SORTING

1. ASSIGNMENT

1.1.   PROBLEM STATEMENT

A huge amount of emails is received on a daily base via "info@parkshark.com". Sorting these and forwarding them to the proper department is a time-consuming and boring job. Therefore, you are appointed as the functional analyst of the team that will create a small program to sort and delete these emails.

We want you to analyze below requirements and create:

- A schematic representation of the program using an UML activity diagram (using draw.io).
- You are expected to document more details, open questions and assumptions in addition to the diagram as part of your analysis (in draw.io or in a separate document you can print).

Based on your diagram and additional notes you should be able to communicate your program flow and details to the client and the development team.

- The program should be triggered on a list of emails.
- Each of the emails in the list should be sorted:
  - o Emails containing the text "CV" should be forwarded to "recruitment@parkshark.com"
  - o Emails containing the text "Promo" or "advertising" should be forwarded to "spam@parkshark.com "
  - o Emails containing the text "proposal" should be forwarded to "sales@parkshark.com "
  - o Emails not belonging to any of the previous categories should be forwarded to "reception@parkshark.com "
- After an email has been forwarded, the email can be deleted.
- After sorting the entire list of emails, the following information should be printed on screen (# represents the amount of emails sent).

```
We have sorted # mails:
        # to recruitment
        # to spam
        # to sales
        # to reception
```

- At the end of the day, it should be possible to print the same piece of text as above but for the entire day.

1.2.   DELIVERABLE

- Send in your solution by e-mail before the deadline.
- Make sure you have both your diagram and your questions printed, so that we can share and collaborate.

2. DEADLINE

You have received this assignment together with an invitation to one of the group assessments. The deadline to send in your solution by e-mail is **24 hours** prior to the date of your group assessment.

3. I'M STUCK?!

Stuck? Are the requirements unclear? Or do you simply have one or more questions?
No problem, write down your questions and take them with you to the assessment.