

Candidate number: CANDIDATENUM

## Summary

Mark /45	Total %
TOTALMARK	PERCENTMARK

## Feedback

FEEDBACKTEXT

### Mark breakdown: COVID daily briefing app

Alarms and notifications	S1	/10
Smart-ness	S2	/10
Project delivery	S3	/25
Total	TM	/45

## Marking criteria: CA3

- **Alarms and notifications** [10 marks]

5 marks for functionality. Functionality marks accumulate and will be checked by running the code:

- ~~– Is there a functional way to schedule and cancel an ‘briefings’ to provide an announcement update - 3 marks~~
- ~~– Is there a notifications data structure where notable events are stored and can be dismissed and removed from the data structure - 2 marks~~

Up to 5 marks for style. Style marks are assigned individually and checked by `pylint` and manually checking the source code against the criteria listed below. Full marks can't be achieved for style unless the complete functionality is present.

- ~~– 1 mark for layout including consistent indentation, line length, etc.~~
- ~~– 1 mark for effective identifier naming, appropriate variable scoping and appropriate loop nesting.~~
- ~~– 1 mark for type hinting and using default values where appropriate.~~
- ~~– 2 marks for doc strings and use of commenting.~~

- **Smart-ness** [10 marks]

- ~~– Does the system integrate and filter relevant news and weather information? - 2 marks~~
- ~~– Is the Public Health England COVID-19 data effectively integrated and processed in the briefing and notifications, including detecting any notable changes in the data such as breaking a classification thresholds - 2 marks~~
- Is the information accessed, stored and updated at sensible times and intervals - 1 mark

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- ~~– 1 mark for effective identifier naming, appropriate variable scoping and appropriate loop nesting.~~
- ~~– 1 mark for type hinting and using default values where appropriate.~~
- ~~– 2 marks for doc strings and use of commenting.~~

- **Project delivery** [25 marks]

- interface - Do not modify the html template except injecting html from Python
  - \* Does the interface start make appropriate use of user inputs - 2 marks
  - \* Does the user interface display alarms and notifications - 2 marks
  - \* Does the announcement contain a reasonable amount of information - 1 mark
- Config file
  - \* ~~Is there a persistent config file - 2 marks~~

- ~~\* Is the config file well structured - 1 mark~~
- ~~\* Does the config file contain all relevant information - everything that could be used to customise the app for redeployment - 2 marks~~
- Logging
  - ~~\* Does the app maintain a log of events and/or errors - 1 marks~~
  - \* Is the event log well structured and used throughout - 2 marks
  - ~~\* Is the error log stratified into classifications and used throughout - 2 mark~~
- Testing
  - ~~\* Does the app have any demonstration functions with expected behaviour - 1 marks~~
  - \* Does the app test functionality in unit tests - 2 marks
  - ~~\* Does the app test external services - 2 mark~~
- Deployment and documentation
  - ~~\* Is there detailed README documentation - 2 marks~~
  - \* Is there a license, author and metadata listed in the documentation - 2 marks
  - \* Is the code hosted or published with a handle in the documentation - 1 mark