# **Javascript Test**

## **TEST NAME: Alarm Clock**

#### **Problem statement**

Create an alarm clock. Use ONLY vanilla javascript, no libraries or frameworks allowed for Javascript (you can use any css framework like Bootstrap).

#### Instructions

- You are **ALLOWED** to style the app any way you like.
- You are **ALLOWED** to google and read how to approach the problem.
- **DO NOT** copy and paste code from the internet.
- **DO NOT** cheat with other students. **REMEMBER:** These tests are for YOU so that you can learn something new. Cheating won't help. It's better to not submit the solution than to cheat and submit. PS: There will be a plagiarism check and when found cheating, you won't be allowed to give future tests.
- Once you have finished with the test, make a video recording your computer screen (via phone or a software like OBS/screencastify etc) and <u>explaining how you have</u>
  <u>approached the problem</u> in code and <u>showing the final product</u>. The video can be <u>UPTO 5 mins</u> long. <u>Videos Longer than 5 mins will be rejected</u>.
- **Upload** and **Host** the code on github as well.
- Once you have recorded the video, upload it on youtube (unlisted or whatever), drive or wherever you want to upload it.
- Hosting on Github is compulsory, I will be rejecting the submission if not hosted!



(This is just a rough sketch, make it pretty using CSS)

## **Features**

#### Clock face

 Clock showing the current time (seconds,mins,hrs should change as time changes)

#### Set Alarm

- Provide input boxes to set an alarm (hr,min,sec, am/pm)
- Once the sets the time and click "Set Alarm" button, add that alarm to the alarms list below
- When the alarm goes of just use JS alert function to alert in the browser

#### Alarms list

Display a list of all the alarms set by user

#### Delete alarm

- o For each alarm give a delete button to delete the alarm
- When the user deletes an alarm make sure it "does not alerts the user"

# Points on which the project will be judged

- All functionalities mentioned above
- Github

- o Readme.md file
- o Hosted code on Github
- Code
  - Comments
  - o Structuring of code
  - Indentation
  - o Variables and functions naming
- Styling
- Hosting
- Design
- Video (explanation about the project)
- Creativity