



PRESENTS

CODE CRUNCH

IN ASSOCIATION

creativecapsule™

Rules

REGISTRATION

- TEAM LEADERS WILL REGISTER ON UNSTOP AND FILL IN THE DETAILS OF ALL TEAM MEMBERS
- REGISTRATIONS CLOSE BEFORE THE RELEASE OF DAY 1 TASKS.
- MINIMUM TEAM SIZE:2, MAXIMUM TEAM SIZE: 5.
- TEAMS HAVE THE FREEDOM TO CHOOSE THE PROGRAMMING LANGUAGE FOR THE COMPLETION OF TASKS.
- PARTICIPANTS MUST BE ENROLLED IN ENGINEERING DEGREE PROGRAMS.

DAY 1

THE TASK DETAILS WILL BE SHARED WITH THE STUDENTS. THE TASK IS TO DEVELOP A SIMPLE WEB APPLICATION THAT CONNECTS WITH PUBLICLY AVAILABLE REST API'S.
KNOWLEDGE OF REACTJS, ANGULAR, VUEJS, HTML/JAVASCRIPT WILL BE REQUIRED TO DEVELOP THE PROJECT

DAY 2

STUDENTS WILL BE BUILDING UP ON THE EXISTING TASKS. STUDENTS MUST DEPLOY THE APPS ON THE HOSTING SITE AND SUBMIT THE DETAILS.

PADRE CONCEIÇÃO COLLEGE OF ENGINEERING

TASK DETAILS

THE TASK WILL INVOLVE THREE STAGES. DEVELOPMENT, SOURCE CODE REPOSITORY, HOSTING

1.DEVELOPMENT:

- STUDENTS WILL BE BUILDING A WEB APPLICATION, WHICH WILL CONNECT TO 3RD PARTY API'S (FOR EXAMPLE: TWITTER API) TO FETCH AND GIVE CUSTOMIZED DATA AS OUTPUT.
- FOR EACH TASK, STUDENTS NEED TO CREATE A SECTION THAT DISPLAYS THE SEARCH RESULTS OF THEIR RESPECTIVE PLATFORMS.
- THE TEAM MUST FIND A SPECIFIC ENDPOINT AND MAKE A REST REQUEST.

2.SOURCE CODE REPOSITORY:

- ALL CODE MUST BE COMMITTED AND PUSHED TO THE GITHUB REPOSITORY ([HTTPS://GITHUB.COM/](https://github.com/)).
- STUDENTS NEED TO BE FAMILIAR WITH SIMPLE GIT USAGE AND SHOULD BE ABLE TO PUSH THE CODE. THE FINAL CODE SHOULD BE AVAILABLE ON GITHUB FOR REVIEW.
- CREATE A GITHUB ACCOUNT FOR ALL THE TEAM MEMBERS. ONE OF THE TEAM MEMBERS WILL CREATE A PRIVATE GIT REPOSITORY NAMED "CREATIVECAPSULE_CODECRUNCH22 ". THE TEAM MUST ENSURE THAT THE JUDGES HAVE ACCESS TO THE GITHUB REPOSITORY CREATED. THE GITHUB IDS OF THE JUDGES WILL BE SHARED TO THE TEAMS.

3.HOSTING:

- A STUDENT CAN CREATE AN ACCOUNT ON EITHER THE WEBSITE VERCEL OR HEROKU. HOST THE WEB APPLICATION ON THE HOSTING PLATFORM. YOU CAN CHOOSE ANY OTHER HOSTING PLATFORM, ALSO.
- THE STUDENTS SHOULD SHARE THE HOSTED WEB APPLICATION URL.

PREREQUISITES

1) SOFTWARE REQUIRED FOR THE TASK:

- A. VSCODE (DESKTOP APPLICATION) OR ANY CODE EDITOR.
- B. GIT
- C. SOFTWARE TO SUPPORT THE PROGRAMMING LANGUAGE OF YOUR CHOICE, WHICH CAN HELP YOU BUILD WEB APPLICATIONS (REACTJS, ANGULAR, VUEJS, HTML & JS, OR ANY OTHER)

2) REQUIRED ACCOUNTS:

- A) GITHUB ACCOUNT ([HTTPS://GITHUB.COM/](https://github.com/))
- B) TWITTER ACCOUNT ([HTTPS://TWITTER.COM/](https://twitter.com/))
- C) APPLY FOR TWITTER DEVELOPER ACCOUNT APPLICATION.
([HTTPS://DEVELOPER.TWITTER.COM/EN/APPLY-FOR-ACCESS](https://developer.twitter.com/en/apply-for-access))
- D) VERCEL ([HTTPS://VERCEL.COM/](https://vercel.com/)) OR HEROKU ([HTTPS://ID.HEROKU.COM/](https://id.heroku.com/)), OR ANY OTHER FREE HOSTING PLATFORM.

NOTE: MAKE SURE YOU HAVE THE ABOVE ACCOUNTS CREATED AND READY.

SUBMISSIONS

STUDENTS WILL FILL OUT THE SUBMISSION FORM WITH ALL THE REQUIRED DETAILS AND SUBMIT IT. THE SUBMISSION FORM WILL BE SUBMITTED TO THE TEAM ON DAY 2