

OVERVIEW:

YCP Hacks is a 36+ hour event held on York College of Pennsylvania's campus every fall. This is a team-based event that allows students to explore coding opportunities/ challenges. The event typically hosts both York students and ones from other schools. The team has an informational website (ycphacks.io) with all event information. This site links to a 3rd party hackathon registration site (app.hackjunction.com). We hope to move all this onto a brand new YCP Hacks integrated site with expanded features.

DESCRIPTION:

We will need a pleasant-looking informational home page that allows visitors to learn about YCP Hacks. The entire site must work well on a phone or computer. This will also need to be easily accessible for YCP Hacks staff to change event information on the site when new information comes to us. Users should be able to create an account/ use a Google account to register for the newest/ upcoming event. The attendee should have a dashboard showing information about registration status, teams, and day of info. Admins/ staff should have a similar dashboard with management features.

Attendees should be able to create teams with team names that staff will be able to view/ approve for ease of management. These teams will be given a presentation order and a possible estimated time for presentations. A polling system will also be needed for hackers' choice awards and other event management. Sending push notifications to emails/ phone numbers will be useful for the day of information and event changes.

A hardware database linking attendees to the hardware they possess during the event would allow for better tracking of YCP Hack's property. Staff should be able to assign hardware to an individual and unassign it later. We will need a working website and registration system with push notifications done by May 2023. The hardware database would be nice to see by then but not needed for the event. All other requirements can come at a later time.

TASKS:

- Informational Website
- Registration system
- Hardware checkout system
- Polling
- Push notifications
- Mini event planner

TASK DESCRIPTION:

- Informational Website
 - Upcoming event information
 - Schedule - linked to the mini-event planner
 - Past event information
- Registration system
 - Register questionnaire
 - Check-in system
 - User dashboards
 - Attendee
 - Staff
 - Sponsor (maybe)
- Hardware checkout system
 - Link hardware to the user
- Polling
 - Anonymous polling
- Push notifications
 - Notify event-goers about changes
- Mini event planner
 - The timed event is shown on the schedule where we can take attendance/ award winners
- Prizing system
 - Allow staff to create categories
 - Allow staff to award teams to certain categories
 - Show past winners on the past site area