Principles of Information Systems
Homework 2: Hour of Code

Team 78

SITE-1101 – 10432

Preparations, November 5

Delays caused by midterms and assignments had pushed our team meeting to Tuesday, though we had meant to meet up a week earlier. On November 5, at around 1 PM, we discussed our options on where we could hold our Hour of Code. We settled on an old high school that one of our team members had attended, deciding that even though it was quite far for all of us, in Zirə, it was our best option. That same day, the school got back to us with a negative answer. We were asked to produce a referral letter from ADA first. Since we were already informed that ADA would not be helping us, we gave up on the first school. An hour after that, we scouted three more options. No. 27 near ADA, No. 17, and one of our team members contacted her old tutor to see if he would be able to gather his students. School No. 27 informed us that they were declining any sort of events held by students from ADA, School No. 17 asked for a referral letter, and the tutor declined as well. At around 3 PM, another team member managed to find a better location for our event. Library No. 5 in Turkan. With the library being a place that had many neighbourhood children rather than a school with students, which we knew would result in point deductions, we decided that the library was our best option. Unfortunately, two team members of our team were unable to come to the Hour of Code as the library was too far for them to come to.

With that, we agreed to go to the library, reaching an agreement with those who couldn't come.

Before the Hour of Code, November 8, 5 PM-6 PM

Once we arrived at Library No. 5 with assistance from one of our teammates' family members, we set up in the library. The children themselves were quite excited as well, and quickly gathered up in the small room we had to hold our Hour of Code. A minor problem we faced was on how to fit everybody into the room. In the end, we decided to stand in the doorway after finding every chair in the library and fitting them into the room. The kids weren't likely to all have phones, so we also asked the adults we knew if we could borrow their phones for hour event along with also letting the kids use our phones too. Finishing up our preparations, we began our Hour of Code.

The Hour of Code, November 8, 6 PM-7 PM

We started our Hour of Code by quickly introducing ADA University, detailing its many different fields, its graduates, along with summarizing the SITE fields one could opt into. When asked if they were interested in ADA University, one student answered that she was in fact interested, only being turned away from the option due to the tuition costs. After our introduction was over, we moved onto the next part of our Hour of Code.

We had gone in expecting bad internet connection, but it turned out to be worse than we had initially thought. Due to that, we spent a couple of minutes connecting the phones to our own personal hotspots, as using our data was faster. Once it was done, we introduced the children to code.org. We gave the children step by step instructions and explanations of the blocks they could use, along with how they could be used to complete the levels. The children's input was important, we asked them on their thoughts every step of the way, to make sure that they were involved in the learning process and that they were figuring it out on their own, understanding the material and how each piece worked. We taught the children the basics of the movement blocks, how to use the turning blocks, along with a quick delve into loops. We taught them

the for loop along with the until loop. They grasped the topics well, with only a few problems rising. There were moments when the children struggled to understand, or used the blocks wrong, which we assisted with and made sure they understood their mistakes, along with how they were fixed.

Due to our commute to Turkan being long, and the road used for it being closed until 2 PM, we were forced to hold our Hour of Code late, resulting in some of the children's parents calling them home early. So, we made sure to at least quickly go through the first couple of levels before the children left, along with distributing their certificates of completion. After a group picture, a few children left, and we continued with the last parts of our Hour of Code before wrapping it up.

After the Hour of Code, November 8, 7 PM-9 PM

After making sure everybody had gotten their certificates and all questions had been answered, we gathered our belongings as the library closed. Due to the late hour, we also walked the children home to make sure all was well, and that they were safe. During our walks, we spoke to the children once more, telling them about our general experiences in ADA, and in SITE.

Final Thoughts

Our Hour of Code generally went smoothly, with only some minor hiccups. The internet connection was worse than expected, but it was solved. We were already expecting that the number of phones would be a problem, so we were assisted by the adults and library workers as they let us borrow theirs. The children breezed through the courses.

With all of these factors in mind, the Hour of Code was a success with the Turkan children. Even before we started our event, they already seemed very excited and interested in what we had to say. They listened intently and some even went above and beyond, finishing the levels before we could even explain it to them. They hadn't done courses like this before, yet they showed that they could understand it. It was a productive experience, both for us and the children. They were introduced to coding and were shown its simplicity, and we mingled more with the countryside of Azerbaijan.

Though we first approached the Hour of Code with scepticism, and our initial goal was to simply complete our assignment, we also became genuinely interested in teaching these children about what we do. The age range of our audience was wide, and some were quite impressionable as well. It was important to us to make sure that we at least had somewhat of a positive effect on our listeners, that this assignment did more than just give us points.

Ultimately, we held our Hour of Code as planned and both we and the kids got something out of it, and so this event was a success. Our special thanks go out to the library workers, along with the family members of Aghaverdi Guluzada, as they helped us with our commute, and our Hour of Code itself.

Link to our Instagram post:
https://www.instagram.com/p/DCMbol0o2jI/?igsh=OGdxMWl0ejl3c2tn

Team Member	Contribution	Estimated Percentage
Gunay Allahverdiyeva	Video editing, organization of the Instagram post	15%
Aghaverdi Guluzada	Main speaker and organizer of the HoC	35%
Ali Amra Hasanov	Lab report, secondary speaker of the HoC	35%
Famil Hazili	Shorter report on the Instagram post	15%