**Post event Documentation on**

**NEXT Hackathon 2019**

***Planned and Managed By:***

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**NEXT Hackathon 2019** was a major event organized in **NEXT 2019** which was a 3-day long exhibition with different other technical and non-technical competition such as ROBO-RACING ,ROBO SOCCER ,ART and Photography ,Seminar, Games and more.

This Hackathon was organized in 3-day span with total 23 hours of mentoring ,coding ,idea pitching and presentation session. With the help of our dedicated judges and mentors we were able to successfully turn our plan into implementation**.**

Below is our schedule and execution plan of the Hackathon which goes according to plan in execution phase.

**Execution Schedule:**

|  |  |  |
| --- | --- | --- |
| **Duration** | **Phase** | **Remarks** |
| **DAY 1 (18th July)** | | |
| 8:00-9:00 | Confirmation / Breakfast |  |
| 9:00-10:00 | Idea Pitching |  |
| 10:15-12:00 | Q&A by Judges | \* |
| 12:00-1:00 | Lunch |  |
| 1:00-3:00 | Coding + Mentoring |  |
| 3:00-3:30 | Snacks + Drinks |  |
| 3:30 – 5:00 | Coding |  |
| **DAY 2 (19th July)** | | |
| 8:00-9:00 | Breakfast |  |
| 9:00-11:00 | Coding |  |
| 11:00 -12:00 | Lunch |  |
| 12:00 -2:00 | Mentoring |  |
| 2:00 – 3:00 | Coding |  |
| 3:00 – 3:30 | Snacks + Drinks |  |
| 3:30 -5:00 | Coding |  |
| **DAY 3 (20th July)** | | |
| 7:30-8:00 | preparation + Breakfast |  |
| 8:00 – 11:00 | Presentation + Q&A by judges | \* |
| 11:00 – 11:30 | Lunch(participants) |  |
| 11:30 – 12:00 | Winner Announcement | \* |
| 12:00 – Onwards | Lunch (Judges) | \* |
| Total Duration of the event: 23 hrs. \* means Little changes were made during execution phase. | | |

**Format of the Hackathon:**

Date: 2nd of Shrawan to 4th of Shrawan

Start time: 8:00 am (day-1)

End time: 1:30 pm (day -3)

Participant groups: 12

No. of members: 2 to 4

Event Duration: 23 hrs.

Registration charge: Rs.2000 per team

**Note: Registration charge was not taken for participants from college.**

**METHODOLOGY Acknowledged**

For effective and successful completion of this sub program of NEXT we have traced out the layout on various phases. Hackathon is estimated to be of around 23 hours long, divided into the span of 3 days into phases as described below:

**Idea Pitching**

In the day1, all the participants in the Hackathon introduce themselves, their groups and their respective project idea for Hackathon in the presence of mentors and other participants. This session is expected to be of 1 hour long.

**Coding and Mentoring Phase**

This phase involves the major part of the competition i.e. work period on the specified theme and idea. Code of conduct for Hackathon will be applicable till the last minute of the program. For supervision and guidance, mentors and volunteers will be provided. This phase will be of 17 hours long starting from 9 am from day1 (18th July) to 5 pm day2 (19th July).

**Presentation Phase**

In day-3 of the event (**7:30 am to 12:30pm**), participants demonstrate their ideas and the implemented form of these ideas i.e. product in the form of presentation. These presentations will be evaluated by the Jury. Jury evaluates the product based on theme.

**Certificate & Prize Distribution Phase**

On the basis of evaluation and result prepared by the Jury, prizes and certificates will be distributed after the end of the presentation phase in the closing ceremony of NEXT event.

**Prizes and certificates:**

|  |  |
| --- | --- |
| **Category** | **Prizes and rewards** |
| Winner | 20000/-+Fcube tickets , eset antivirus,$100 worth aws services |
| Runner Up | 10,000/-+ Fcube tickets , es et antivirus,$75 worth aws services |
| Best Idea | 3000+ Fcube Tickets and es et antivirus |
| Best Presentation | 3000+ Fcube Tickets and es et antivirus |

*Winner certificate was provided to winners and participation certificates were provided to all the participants*.

**Judges and Mentors Present:**

|  |  |  |
| --- | --- | --- |
| **Name** | **Position** | **Remarks** |
| Jayendra Shrestha | Judge | IOE lecturer |
| Roshan Maharjan | Judge | CEO of NepQuest |
| Saroj Shakya | Judge | Lecturer ,NCIT masters program |
| Sanam Dangol | Mentor | **-** |
| Nipesh Shrestha | Mentor | - |
| Rishi kanta Maraseni | Mentor | **-** |
| Mohan Ghimire | Mentor | **-** |
| Yuvraj Rimal | Mentor | **-** |
| Aman Maharjan | Mentor | **-** |

**Participants and Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.N | Team Name | No.of Members | College Name | Remarks |
| 1 | Geeks on Fire | 3 | NCIT |  |
| 2 | Weavers | 3 | GEMS College |  |
| 3 | CE-VIII(Day) | 4 | NCIT | Absent(day-3) |
| 4 | Magicians | 4 | Kathmandu Engineering College |  |
| 5 | Scripted | 4 | NCIT |  |
| 6 | Videha | 2 | Hetauda School of Management |  |
| 7 | Samudra | 2 | NCIT |  |
| 8 | Pentamorphic | 4 | Cosmos College of Management and Technology |  |
| 9 | KathDevOps | 4 | Kathford Engineering College |  |
| 10 | Virtual | 4 | Asian School of Management and Technology |  |
| 11 | Virus Vixens | 4 | Kathford Engineering College |  |
| 12 | Demiurgic | 3 | Kathford Engineering College |  |
| **Total** | | **41 participants from 7 different college** | | |

**Winners of NEXT Hackathon 2019:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Category** | **Team Name** | **College Name** | **Theme Selected** |
| **Winner** | Team Videha | Hetauda School of Management | Health and Fitness |
| **Runner Up** | Team Geeks on Fire | Nepal College of Information Technology | Tech for Education |
| **Best Idea** | Team Virus Vixens | Kathford Engineering College | Environmental Issues |
| **Best Presentation** | Team Samudra | Nepal College of Information Technology | Tourism 2020 |

**Winner’s idea in the Hackathon:**

Respiratory Disorder Detection: an Artificial Intelligence based Web application that can predict the likelihood of a respiratory disease occurring with its probable location from chest x-ray data.

**Volunteers and Co-Partners:**

We have around 15 volunteers and Co-Partners in Hackathon altogether to remember**:**

**Co-Partners:**

1. Prabin Singh

2. Madhav Gautam

3. Sarita Dangi

4. Sabbu Giri

5. Shreeja Shrijan Shrestha

6. Saroj Bhattrai

7. Aastha Shrestha

**Volunteers**:

1. Anuja Aryal

2. Nitesh Maharjan

3. Anup Maharjan

4. Bhishan Poudel

5. Amrit Lamichhane

**Flaws and Participants’ feedback:**

1. We were unable to provide participants with laptop stickers which is an important part of every Hackathon.
2. We were unable to manage a big space and provide lunch in the participants’ table.
3. We didn’t get the Themed Banner and also got only one banner for two rooms.
4. Couldn’t provide mentors working on different aspect such as AR,VR and gaming.
5. Couldn’t provide certificate and prizes in time to all the participants.

**Conclusion**:

The Hackathon in NEXT was a good success. Overall 12 team were the participants from 7 different colleges inside and outside the Kathmandu valley . The Hackathon was in day-only format so we had some time to manage the feedback received from participants,mentors and judges at night.