Team Name – What The Hack!

Details of all team members –

1. Name – Harshita

Institute Roll No – 12112213

College – NIT Kurukshetra

Gender – Female

Phone No. (WhatsApp) – 9818374849

1. Name – Rajan Kamboj

Institute Roll No – 12112221

College – NIT Kurukshetra

Gender – Male

Phone No. (WhatsApp) - 9499477417

1. Name – Aryan Srivastava

Institute Roll No – 12112239

College – NIT Kurukshetra

Gender – Male

Phone No. (WhatsApp) - 9792761933

Briefly mention details about the following.

***Problem Statement –***

*The life of a college student is full of hardships and struggles trying to maintain a balance between their life and their work. On top of dealing with a hectic schedule full of submissions and deadlines, the students are also in search of gaining some real world experience.*

*A lot of students miss out on amazing opportunities due to lack of awareness or simply because they cannot keep track of them. Hence, from a student’s point of view, this could be considered an important issue. It is therefore logical to keep track of all the data in an organized manner.*

*Our software aims to solve this issue in an efficient and technologically adept fashion.*

*Problems faced by most college students include:*

1. *Dealing with submissions, projects, assignments, exams and deadlines.*
2. *Participating in extracurricular activities on top of keeping up with the lectures.*
3. *Gaining experience for possible future internships and job opportunities.*
4. *Keeping track of student loan debt.*

*This system allows students to keep track of their schedule and update all the necessary information for smooth functioning and consistency.*

***Solution –***

*We are here at team, What The Hack!, building a software named* ***CollegeTown*** *that allows for easy management of the work and life balance of a college student.*

***Software Details:***

*On the surface level, software will consist of a student portal that caters to the student’s needs and demands inclusive of -*

*(i) Maintaining a student profile.*

*(ii) Reminders for assignment and project deadlines.*

*(iii) Keeping track of event participation and their progress.*

*(iv) Resume builder.*

*(v) Navigating student loan debt and keeping track of their finances.*

*(vi) Announcements regarding opportunities for internships and job applications.*

*(vii) Managing academic details such as grades and credits.*

*(viii) Student Social Hub*

***Tech stack –***

*Front-end*

*(i) HTML, CSS, JS*

*(ii) Programming languages: Python, C++, Java*

*(iii) Figma*

*(iv) ReactJS*

*Back-end:*

*(I) NodeJS*

*(II) MongoDB*

*(III) ExpressJS*

*(IV) NEXTJS*

***Use cases –***

***CLIENT INTERFACE:-***

*Through this interface, students can-  
1) Create a student profile by signing up/logging in using their credentials. The profile will consist of information such as student personal details (name, email, phone no), Institute details such as roll number, branch, year etc. They can update these details whenever necessary.*

*2) Add new projects, assignments and their deadlines under the Academics feature.*

*3) Maintain their grades/credits and keep track of their submissions using the Academics feature.*

*4) Create an attractive resume using the Resume Builder feature and update information accordingly.*

*5) Keep track of various club events and their participation by using the To-do feature.*

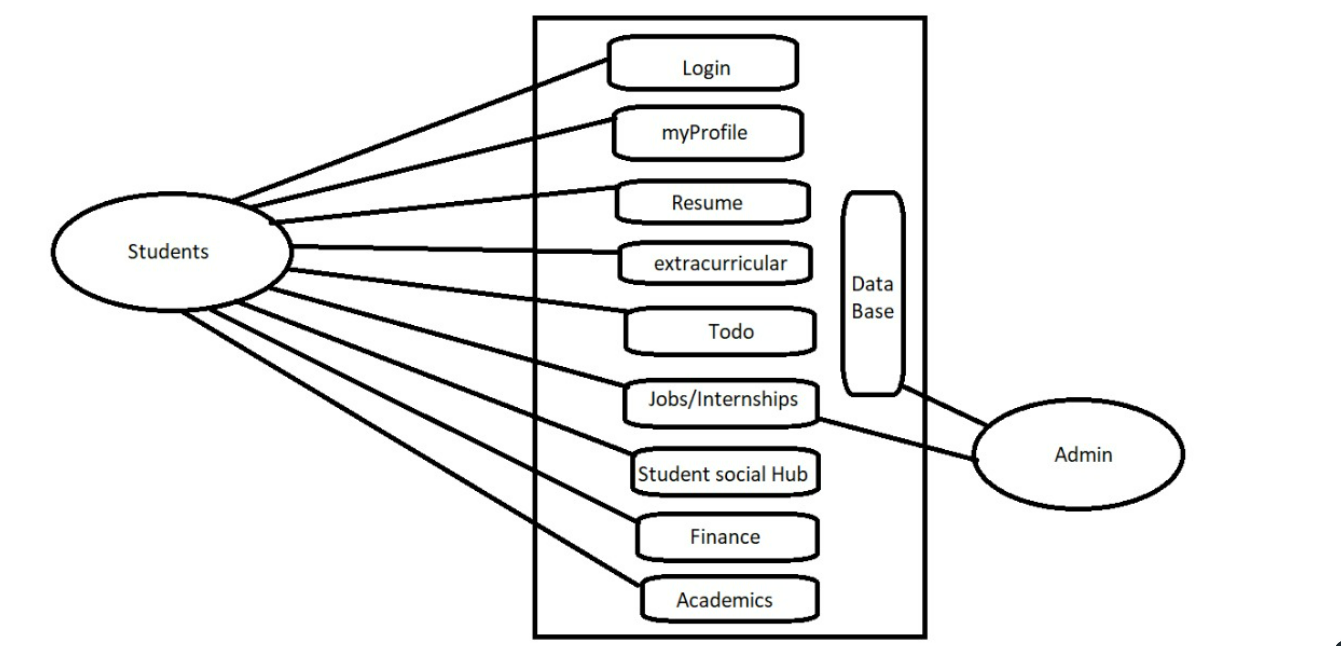
*6) Under the jobs and internship feature, the student can access information regarding any possible work experience opportunities.*

*7) Post or answer queries on the Social Hub making an interactive environment.*

*8) Keep track of their finances under the Finance feature.*

***SUPER ADMIN INTERFACE:-***

1. *The admin is granted full permission and unrestricted access to all functionalities of the software.*
2. *It will be responsible for maintenance and monitoring of the student database.*
3. *New information regarding internships and jobs will be regulated and updated by it.*

**