**Bytexl’s guided project**

**Final Project report**

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| Name of the educator | Nakul H Y |
| Project title | Student Hall App |
| Tools / platforms used | Nimbus/Core Java/GitHub |

**About the project:**

A fictional Estonian-UK company, Vara, wants to develop an app that allows a university to manage its accommodation. This year the company has made the decision to build their own Student Hall app. The StudentHall app can register students in a student hall and maintain information on the number of students registered to a hall and if they are on the premises. It will also help the Student Hall cleaning team.

This coursework focuses on the classes required to support the app. It is not concerned with building a graphical front end. All interaction and testing will be carried out in a console front end. The coursework is broken down into several tasks, each with accompanying testing. The testing will be used by the assessors to evaluate functionality. The coursework must be developed as a single project.

**System requirements:**

Software requirements:

Languages used: Core Java

Front End: Console input/output

IDE: Nimbus

Repository: Github

**Future Work:**

User interface front end cab be developed using web technologies.

**References:** Java the complete reference by Herbert Schildt.

**Reflection of the project creation:**

Technical challenges:

This coursework should only use:

● java.util.Scanner;

● an agreed library

You should not use:

● java.util.Arrays - especially for toString()

● arraylists - as an alternative to arrays