Data Protection Impact Assessment

# Step 1: Identify the need for a DPIA

Explain broadly what the project aims to achieve and what type of processing it involves. You may find it helpful to refer or link to other documents, such as a project proposal. Summarise why you identified the need for a DPIA.

A DPIA is necessary for the Academic Nest due as it contains a lot of personal data. The project's primary aim is to facilitate a connection between homeowners and students for affordable housing solutions. This involves the collection, storage, and processing of sensitive personal information from both homeowners and students.

# Step 2: Describe the Processing

## Describe the nature of the processing.

how will you collect, use, store and delete data? What is the source of the data? Will you be sharing data with anyone? You might find it useful to refer to a flow diagram or another way of describing data flows. What types of processing identified as likely high risk are involved?

We will get the data from: Users will provided information during account creation sign up form, including names, email addresses, and phone numbers.

We will use this data to display on their account

We will store the data on a database connected to the website

For security measures we could use encryption and access controls to ensure data integrity.

We can delete the information after 6 months of non activity

There will be no sharing of data, although users can share info over chat

Risks could be getting hacked and leaked all of users information and chats

Can encrypt data such as passwords using hashs

## Describe the scope of the processing.

what is the nature of the data, and does it include special category or criminal offence data? How much data will you be collecting and using? How often? How long will you keep it? How many individuals are affected? What geographical area does it cover?

Scope, we will collect the name, email phone number and password of users, we will use this to log them in each time. We will keep the data for 6 months after users inactivity, every users information will be stored, the whole of the uk will be able to access the website

Describe the context of the processing:

what is the nature of your relationship with the individuals? How much control will they have? Would they expect you to use their data in this way? Do they include children or other vulnerable groups? Are there prior concerns over this type of processing or security flaws? Is it novel in any way? What is the current state of technology in this area? Are there any current issues of public concern that you should factor in? Are you signed up to any approved code of conduct or certification scheme (once any have been approved)?

Users will be able to change their info on the account page, we will use their data for login and displaying names, students will use the site above 16, We will use online servers to store data.

Describe the purposes of the processing:

what do you want to achieve? What is the intended effect on individuals? What are the benefits of the processing for you, and more broadly?

We want to connect students and homeowners to make accommodation more affordable.

This benefits students as they get cheap accommodation while also benefiting homeowners financially with both gaining a home like experience.

# Step 3: Consultation Process

Consider how to consult with relevant stakeholders:

describe when and how you will seek individuals’ views – or justify why it’s not appropriate to do so. Who else do you need to involve within your organisation? Do you need to ask your processors to assist? Do you plan to consult information security experts, or any other experts?

Students: can leave feedback on the website for the room, this can be given to future renters and the homeowner to improve.

Sally: speak to sally to improve the prototype more.

# Step 4: Assess necessity and proportionality

Describe compliance and proportionality measures, in particular**:** what is your lawful basis for processing? Does the processing actually achieve your purpose? Is there another way to achieve the same outcome? How will you prevent function creep? How will you ensure data quality and data minimisation? What information will you give individuals? How will you help to support their rights? What measures do you take to ensure processors comply? How do you safeguard any international transfers?

Academic nest use lawful basis To ensure data quality we will use validation measures will be implemented. The data collected will only use essential information for the users.

# Step 5: Identify and assess risks

Describe the source of risk and nature of potential impact on individuals in the description box. This includes associated compliance and corporate risks as necessary.

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| --- | --- | --- | --- | --- |
| Risk ID | Description | Likelihood of harm *(remote, possible or probable)* | Severity of harm *(minimal, significant, or severe)* | Overall risk *(low, medium or high)* |
| 001 | Server is stolen | Possible | Minimal | Low |
| 002 Server crash | Server is overladed | Remote | minimal | Low |
| 003 Data stolen | Server data is hacked | probable | severe | High |
| 004 User validation fail | Login fail | possible | significant | High |
| 005 Fake accounts | Fake listings to steal money | possible | minimal | medium |

# Step 6: Identify measures to reduce risk

Identify additional measures you could take to reduce or eliminate risks identified as medium or high risk in step 5

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Risk ID | Options to reduce or eliminate risk | Effect on risk  *(eliminated, reduced or accepted)* | Residual risk *(low, medium or high)* | Measure Approved  *(yes/no)* |
| 001 | Encrypt data | Low | Low | Awaiting |
| 002 | Ensure updates happen when announced | Low | Low | yes |
| 003 | Increase server security | High | High | No |
| 004 | Dual authentication | Reduced | Medium | Yes |
| 005 | Validating homeowners | accepted | Low | Yes |