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|  |  |  | December 2023  RWPPS | |
| Digital Sandwich | | | | |
| A black background with a black square  Description automatically generated with medium confidence | | | | |
| Michael Piercey, Jonathan Boyd, Callum Davidson,  Daniel Scott,  Lawrence Otu,  Juliusz Wilczynski  Ross Mclean | |  |  |  |

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| Summary for project owner: This is following summary will provide a comprehensive overview of academic nest and prototype. Beginning in September 2023 the group has been hard at work developing a prototype website. The site allows homeowners to connect with university students looking out for affordable accommodations. Please find the LESP and future steps further below. | |
| Introduction Academic Nest is an website crafted by Digital Sandwich from the base of Sallys ideas, The purpose of the site is to address the challenges students face in finding affordable accommodation during their time at uni. Started in September 2023, Academic Nest was brought together by having meetings between sally and digital sandwich, they came to a collective vision to eliminate the need to sofa surf and create an environment for students and homeowners to create a true home-away-from-home for the students.  The website should be committed to reducing the financial burden on | students, this will be by lower cost of rent by using chores instead of money. By doing this the student learns valuable life lessons while at university and the homeowners get more out of having an extra person in the house.  Beyond the financial advantages the homeowner and students will also get a senses of community, this will create a home away from home feeling for the student and increase the number of connections the student gains while they are at university. |

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| Requirements for academic nest Features:  Functional Requirements:  Account creation, both homeowners and students will be able to create accounts using the users name, email and phone number for account creation.  User profiles, users will be able to manage their profiles with their personal information and change what is necessary.  Homeowners will be able to see room details including renting history and room reviews, this allows them to improve for their next student.  Listing rooms, this is an essential part of the site and should allow homeowners to provide detailed listings of their rooms, this includes options to provide rent, bed types, chores and amenities.  Sorting and filters, Students will be able to search for rooms and sort and filter these by locations, rent and chores, filtering and sorting will make it easy for students to find a dream home.  Messaging System, this secure system will allow communications between homeowners and students to iron out the remaining details about the room. | Payments, although the site will not take room payments as that is up to the student and homeowners to sort out, the site will take payment from homeowners to list their property on the site, this will be a set fee starting around £8 per room.  Non-functional Requirements:  Usability, the site will have a user friendly and easy to navigate user interface, this will benefit both homeowners and students as it will allow smooth navigation around the site and easy to use features.  Data protection security, the site should follow the data protection regulations and keep users’ information safe.  Reliability, the site should keep a large up time ensuring that students and homeowners can communicate all hours of the day.  Future expansion, the website should be able to handle a growth in countries and regions to allow more students to benefit from the idea.  Multi device compatibility, the website should work both on desktop as well as mobile to allow users to access from a range of devices.  Overall academic nest should provide a robust and user-friendly website which serves students and homeowners by allowing custom |
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| profiles with a clean messaging service, allow versatility while listing a spare room. LESP The Legal, Ethical, Social, and Professional aspect of Academic Nest is fundamental to producing a viable business model. For the legal part, the site should adhere to the data protection regulations not only for legal reasons, but this also ensures that the homeowners and students details are properly secure and safe. Ensuring the privacy of students and homeowners information is a key consideration when developing further. Digital sandwich wants to ensure that the use of the site is purely for students and homeowners use and that they can be safe while doing that.  The ethics to the site is fundamental as that is what the site is built upon, the ease for students to find cheap and suitable accommodation is the key feature, to ensue that only homeowners and students looking to create a connection and help each other should be allowed to use the site, this create trust between homeowners and students and ensures there is no profiteering from large developers. The use of communication via the contact page between academic nest and the users should help the customers feel safe and looked after.  From a social standpoint academic nest and digital sandwich want to create a website that helps create connection between university students and the local communities, The focus on creates relationships that go above money and other platforms allows the well begin of students and homeowners.  Professionally, Digital Sandwich and academic nest have shown and want to carry through a high standard of work, this will encourage the platform to be functional and make sure the website will be able to continue thriving in the years to come. The site should ensure that it keeps a respectful environment for homeowners and students to connect.  Overall, the legal, ethical, social and professional part of academic nest shines through in the final prototype as it establishes a website that has abundance of practical features, but also meets to the social and ethical needs of the homeowner and student community. Academic nest was created for social purposes after all. | |

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| Future work Going on from now the prototype can be made into a working website. The platform can easily be grown from this point on into a feasible business, with the help from partner universities the website should be able to pick up a steady number of users. The hardest part will be finding willing homeowners to give up a room in their homes for cheaper than what it would normally rent out for. But with the use of campaigns and advertisement the site should be able to continue to grow. | Conclusion In conclusion, we are happy to hand off the finished prototype, as we feel that it gives an accurate and realistic view on how a real site should look. The site is easy to navigate and allows abundance of features for the homeowner and student to use, the prototype is to a high quality and satisfies the needs of the customer.  We are also happy with the development academic nest has made from the beginning, allow homeowners and students to connect on a new level. |
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##### Appendix

[stealthomikey/academicnest: academic nest github for video and pp and documetns](https://github.com/stealthomikey/academicnest)

find meeting minutes and bmc and dpai and ethics all on the github