**Appendix 1. NCI Invention Disclosure Form**

NCI INVENTION DISCLOSURE FORM

1. Title of Invention

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| Hybrid WebSearch |

1. Inventors

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| --- | --- | --- | --- | --- |
| Name | School/Research  Institute | Affiliation with Institute (i.e. department, student, staff, visitor) | Address, contact phone no., e-mail | % Contribution to the Invention |
| Chaman Ali | NCI | Student | chaman.ali@student.ncirl.ie | 18/25 |
| Chenlei Jie | NCI | Student | chenlei.jie@student.ncirl.ie | 25/25 |
| Keith Feeney | NCI | Student | keith.feeney@student.ncirl.ie | 25/25 |
| Surendra Dura | NCI | Student | surendra.dura@student.ncirl.ie | 25/25 |

1. Contribution to the Invention

Each contributor/potential inventor should write a paragraph relating to his/her contribution and include a signature and date at the end of the paragraph.

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| **Chenlei Jie:**  I’ve done the section of where the Company can add events to the website, which are provided to the Customer, so when the Customer logs in, they can view all the events.  Also the Company which is logged in can only view the events that is posted by that specific Company and can edit and delete their own events. The Events will update as the Company modifies their Events. after submit. I also helped other members in the group when they asked.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  CHENLEI JIE - 19 Jul 2018  **Keith Feeney:**  I created the accounts folder, login page, header, footer, general style of the site, homepage. I also assisted in helping other Team Members where they requested. I also created the initial Database.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  KEITH FEENEY - 19 Jul 2018  Ali:  Surendra: |

1. Description of Invention

(Please highlight the novelty/patentable aspect. Attach extra sheets if necessary including diagrams where appropriate). What is novel, the ‘inventive step’? For more information on patents, please look at http://www.patentsoffice.ie/en/patents.aspx

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| The group has developed a product specifically for OAPs while specialising in those living alone  The aim of the website is to assist in eliciting information, which is provided from a variety of different services in this domain. This will assist in providing the best service and information, based on the customer’s personal needs.  The product itself would not have any new information, as the information would be retrieved from the services and also be available on the service’s own website. The product’s purpose is to bring all these services to one place.  The main users of the product would be the Customer and Company. Admins would also have access.  Customers and Companies can create an account, login, or edit their details from the product. Admins would be able to delete accounts but creating an admin account or logging in would be outside the system.  Companies can add information, services or events, but these must be approved by an Admin before being public. Customers can search information, services, or events (also book events) and save them to a personal area on the website.  Comments can be added by both Customers and Companies, but they must be approved by an admin. Payment for maintaining the site would come from the Company where a small fee would be added to publish information (etc.) to the website. |

1. Why is this invention more advantageous than present technology?

What is its novel or unusual features? What problems does it solve? What are the problems associated with these technologies, products or processes? Explain how this invention overcomes these problems (*i.e*. what are its advantages).

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| The uniqueness of this site is that it’s a site dedicated for the old-age community. Not many websites that are available are specifically for people who are ageing.  The advantages of this Project is to allow old-age pensioners to search general information on the likes of their health and to also search for events that they might be interested in.  One major benefit is that companies that advertise their event on the website would also communicate with their partners, spreading the word and getting more people to the site over time.  A major problem is that the older people are not very computer-literate and this website was designed with that in mind. Large buttons, simple text, etc. Also, their families would also assist them in using the site, creating some quality family time together. |

1. What is the current stage of development / testing of the invention?

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| Beta. Initial release, but only to a select few for testing. |

1. List the names of companies which you think would be interested in using, developing or marketing this invention

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| Age Action Ireland  Heath Service Executive  Active Retirement Ireland  Friends of the Elderly |

1. Funding Partner(s)

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| --- | --- |
| Government Agency & Department | N/A |
| % Support | N/A |
| Contract/Grant No. | N/A |
| Contact Name | N/A |
| Phone No. | N/A |
| Address | N/A |

|  |  |
| --- | --- |
| Industry or other Sponsor | N/A |
| % Support | N/A |
| Contract/Grant No. | N/A |
| Contact Name | N/A |
| Phone No. | N/A |
| Address | N/A |

1. Where was the research carried out?

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| --- |
| NCI |

1. What is the potential commercial application of this invention?

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| Partners such as old-age pensioner groups would be added. The likes of partnerships with governments would also be greatly beneficial. |

1. Was there transfer of any materials/information to or from other institutions regarding this invention? No

If so please give details and provide signed agreements where relevant.

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1. Have any third parties any rights to this invention? No

If yes, give names and addresses and a brief explanation of involvement.

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1. Are there any existing or planned disclosures regarding this invention? No

Please give details.

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1. Has any patent application been made? Yes/No

If yes, give date: \_\_\_\_\_\_ N/A \_\_\_\_\_\_\_\_\_ Application No.: \_\_\_ N/A \_\_\_\_\_\_\_\_\_\_\_\_

Name of patent agent: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ N/A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please supply copy of specification.

1. Is a model or prototype available? Has the invention been demonstrated practically?

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| Yes, included with submission on Moodle. |

**I/we acknowledge that I/we have read, understood and agree with this form and the Institute’s *Intellectual Property and Procedures* and that all the information provided in this disclosure is complete and correct.**

**I/we shall take all reasonable precautions to protect the integrity and confidentiality of the IP in question.**

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| Inventor: | Chaman Ali | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  | Signature Date 19 Jul 2018 |
| Inventor: | Chenlei Jie | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  | Signature Date 19 Jul 2018 |
| Inventor: | Keith Feeney | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  | Signature Date 19 Jul 2018 |
| Inventor: | Surendra Dure | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  | Signature Date 19 Jul 2018 |