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#### Investigating Cooking and Heating Product Needs for Irish Older Adults my of Der

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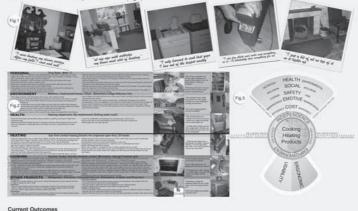
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### Objectives

The world's population is ageing; researchers have an increasingly important role to play in innovating new products, appliances and services to allow for better everyday living conditions of this ageing demographic. Health, wellbeing and age in place needs are of particular importance in Ireland as research has revealed that as a nation we are living longer in it health (McGill, 2009) The most fundamental domestic products to health, wellbeing and in the promotion of ageing in place are cooking and healting products, however little design research has been carried out in this area. In this study it is intended to acquire a deep understanding of the Irish older adult culture in relation to these products, defining needs and discovering holistic factors that these products embody. From this understanding prototypes will be created and user tested by older adults to determine appropriate design criteria.

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urie into the context of usability in cocking and heating products, research has been conducted using ethnographic methods within mes of participant older adults. This involved a yearlong (Spring, Summer, Autumn and Winter) study with forty participants over the 70 years across Ireland and from various socio-conomic groupe (Fig 1.) and qualitative open coding, seven representative personae have been developed. These personae were refined, visualised and com ated through person centric displays (Fig. 2). Analysis and interpretation of personae data through memoing (Glaser, 1998) resulte amework for ideation of product solutions (Fig 3). earch has been conducted using ethnographic methods within mer, Autumn and Winter) study with forty participants over the of 70



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novintended to develop iterative prototypes for user testing. These products have been categorised into the following areas: 1. Space ating devices, 2. Fireplace/Stove appliances, 3. Hobs and Ovens 4.Cooking and heating controls

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