**Internal API for access of backend services for the evercare application**

**Class: User**

Represents any person using the system. The person may have one or more of the following roles:-

Care recipient

Care giver. This may be:-

Member of care provider company

Family member

Friend / neighbour / volunteer

Anticipated future roles would include

Manager from care provider company

Administrator from commissioning body (council, private individual, etc)

Rails routes:-

following\_user GET /users/:id/following(.:format) users#following

news\_feed\_user GET /users/:id/news\_feed(.:format) users#news\_feed

profile\_users GET /users/profile(.:format) users#profile

cares\_for\_users GET /users/cares\_for(.:format) users#cares\_for

create\_json\_users POST /users/create\_json(.:format) users#create\_json

user GET /users/:id(.:format) users#show

*Action: register new user*

*POST /users/create\_json*

Creates a new user on the system.

Sample post format:-

{"user":

{"email":"test6@iamabacus.com",

"name":"tester #6",

"password":"abc123",

"password\_confirmation":"abc123",

"location":"Molly likes her sandwiches cut into triangles",

"notes":"Molly likes her sandwiches cut into triangles",

"care\_notes\_collection": (JSON structure containing multiple lines of notes)

}

}

Sample response format:-

{ "user":

{ "id": 6,

"name": "tester #6",

"email": "test6@iamabacus.com",

"age": null,

"notes": null,

"contact\_details": null,

"care\_notes\_collection": null

}

}

*Action: profile of the signed-in user*

*GET /users/profile*

Fetches the main profile information for the signed-in userid.

Sample response format:-

{ "user":

{ "id": 6, "name": "tester #6",

"age": null,

"notes": null,

"contact\_details": null,

"care\_notes\_collection": null

}

}

*Action: profile of another user*

*GET /users/:id*

Fetches the main profile information for a different userid than the signed-in userid.

Sample response format:-

{ "user":

{ "id": 2,

"name": "Tester #2",

"email": "test2@iamabacus.com",

"age": null,

"notes": "",

"contact\_details": null,

"care\_notes\_collection": null

}

}

*Action: provides collection of the users that are cared for by the signed-in user*

*GET /users/cares\_for*

Sample response format:-

[

{ "id": 1,

"name": "Tester #1",

"age": 78,

"notes": "Bio: Dorothy is a 78 year old woman originally from Yorkshire. She moved to Norfolk in the 60’s with her husband John who sadly past away in 2004. Dorothy has four children and three grandchildren. Dorothy was a primary school teacher, incredibly intelligent and is a member of MENSA. Essential things you should know:- Dorothy had a stroke in 2013 and as a result has limited speech and mobility; When you arrive at Dorothy’s house, if she is in bed, turn the fire on before you go and wake her. She likes to be dressed in the living room where it’s warm.; Dorothy likes her sandwiches cut into triangles and milky tea with two sugars.",

"contact\_details": null,

"care\_notes\_collection": null

}

,

{ "id": 3,

"name": "tester #4",

"age": null,

"notes": null,

"contact\_details": null,

"care\_notes\_collection": null

}

,

{ "id": 4,

"name": "tester #3",

"age": null,

"notes": null,

"contact\_details": null,

"care\_notes\_collection": null

}

]

*Action: for a user who receives care (IE not the signed-in user), provides collection of the users that care for them, or receive status updates*

*GET /users/:id/following*

Sample response format:-

[

{ "id": 2,

"name": "Tester #2",

"age": null,

"notes": "",

"contact\_details": null,

"care\_notes\_collection": null

}

]

*Action: for a user who receives care (IE not the signed-in user), provides collection of their news feed*

*GET /users/:id/news\_feed*

Sample response format:-

{ "user":

{ "id": 2,

"name": "Tester #2",

"age": null,

"notes": "",

"contact\_details": null,

"care\_notes\_collection": null,

"news\_items":

[

{ "id": 1,

"user\_id": 2,

"carer\_user\_id": 1,

"narrative": "What I done was...",

"created\_at": "2014-11-21 13:24:55 UTC",

"location": null

}

]

}

}

**Class: Session**

Allows the user to log in or out of the system.

Any actions undertaken from the logged-in device will be done on behalf of, and logged to, the logged-in user

*Action: create\_json*

Creates a new session on the system (logs the user on).

{"email":"test1@iamabacus.com",

"password":"abc123"

}

**Class: NewsItem**

Represents one report or status update relating to the care of a care recipient.

Has a foreign key (user\_id) for the care recipient.

Has a foreign key (carer\_user\_id) for the person who adds the item.

Rails routes:-

(These are not currently recorded in the application routes.)

*Action: register a new news\_item for a care recipient*

*POST /news\_items/create\_json*

, :

Sample post format:-

{"news\_item":

{"user\_id":"3",

"location":"The King’s Centre",

"narrative":"Molly had a good night, and ate a breakfast of two slices of toast and marmalade"

}

}

Sample response format:-

{"news\_item":

{"user\_id":"3",

"carer\_user\_id":"1",

"location":"The King’s Centre",

"narrative":"Molly had a good night, and ate a breakfast of two slices of toast and marmalade"

}

}

Notes re fields:-

Carer\_user\_id:-

This is one of the foreign keys on the underlying object / table, but is not accepted as part of the JSON payload for this action. This value will be set from the user-id of the logged-in user, and (together with the creation timestamp and location) constitutes the audit trail of this item.

Location:-

The string representing the user’s GPS location at the time the posting was entered. Suggest this to be the string returned by Google Maps API for the user’s GPS location.