User Stories for MS CRM APIs - Organisation

/Organisation

User Story

As an API user, I want to retrieve all organisations in a paged list

Acceptance Criteria

- a user should be able to retrieve all organisation records in CRM in a paged list
- if there are no organisation records, then an empty list should be returned
- a user should be able to specify how many records (page size) are returned at a time
- a user should be able to specify an offset (index) into the total records
- if a user specifies an invalid value for how many records (page size), it should use a default value (20)
- if a user specifies an invalid value for an offset (index), it should use a default value (1)

Test Cases

The one where...	Test Case
I retrieve all organisations in one page	**Given**: there are (1, 2, 19, 20) organisation records in CRM (Org00, Org01, ..) **When**: I call the API with default parameters **Then**: all organisation records (Org00, Org01, ..) are returned **And**: a HTTP status code of 200 is returned
there are no organisations	**Given**: there are no organisation records in CRM **When**: I call the API with default parameters **Then**: an empty list of organisation records is returned **And**: a HTTP status code of 404 is returned
I retrieve the first 3 organisations	**Given**: there are 66 organisation records in CRM (Org00 .. Org65) **When**: I call the API with a page size of 3 and an index of 1 **Then**: organisation records (Org00, Org01, Org02) are returned **And**: a HTTP status code of 200 is returned
I retrieve the second 3 organisations	**Given**: there are 66 organisation records in CRM (Org00 .. Org65) **When**: I call the API with a page size of 3 and an index of 2 **Then**: organisation records (Org03, Org04, Org05) are returned **And**: a HTTP status code of 200 is returned
I specify an invalid page size	**Given**: there are 66 organisation records in CRM (Org00 .. Org65) **When**: I call the API with a page size of (-1, 0, 21, 60) **Then**: first 20 (default page size) organisation records (Org00 .. Org19) are returned **And**: a HTTP status code of 200 is returned
I specify an invalid index	**Given**: there are 66 organisation records in CRM (Org00 .. Org65) **When**: I call the API with an index of (-1, 0) **Then**: first 20 (default page size) organisation records (Org00 .. Org19) are returned **And**: a HTTP status code of 200 is returned

/Organisation/ByODS/{odsCode}

User Story

As an API user, I want to retrieve an organisation, given its ODs code

Acceptance Criteria

- given an existing ODS code, an API user should be able to retrieve an organisation record in CRM corresponding to the given ODS code
- if the ODS code is a valid code for an organisation, then the API should create a new organisation in CRM and return this newly created organisation
- if the ODS code is not a valid code for an organisation, the API should return an error code

Test Cases

The one where...	Test Case
I retrieve an organisation which is in CRM	**Given**: there is an organisation record in CRM (Org00) **And**: the organisation record has an ODS code (ODS00) **When**: I call the API with an ODS code of (ODS00) **Then**: the organisation record for (Org00) is returned **And**: a HTTP status code of 200 is returned
I retrieve an organisation which is not in CRM but is in ODS	**Given**: there are no organisation records in CRM **And**: there is an organisation record in ODS with an ODS code (ODS00) **When**: I call the API with an ODS code of (ODS00) **Then**: the organisation record (Org00) is returned **And**: a HTTP status code of 200 is returned
I retrieve an organisation which is not in CRM or ODS	**Given**: there are no organisation records in CRM **And**: there are no organisation record in ODS **When**: I call the API with an ODS code of (ODS00) **Then**: no organisation record is returned **And**: a HTTP status code of 404 is returned