**Use Case Template Document**

**Use Case Name:**

View Patient centric summary in Leeds Care Record

**Brief Description:**

Leeds Care Record (LCR) intends to deliver an integrated patient summary, presented to every user, when they first log into a patient. In order to do this they will require structured data from GP systems EMIS and System One. (Hospital, Community, Mental health and Social care data already comes in structured form)

**Scenarios:**

* District nurse checking a patient’s record before visiting the patient at their home so they have an up to date understanding or their medical status and treatments from all the .
* Mental Health professional, reviewing a patient’s holistic situation as part of initial assessment - understanding the various encounters the patient is receiving across all care settings
* Hospital pharmacist assessing medications and allergies across all care settings as part of meds reconciliation process

**Use Case Justification:**

Structured GP data is an essential element for Leeds Care Record.

This is due to extensive feedback we have received that frontline users find the current layout too complex to navigate and they require a snapshot view of the patient across all care settings

This patient summary could be re-used in other locations once delivered

**Primary Actors:**

Any clinician/care giver who views the Leeds Summary Record and are not a hospital user (hospital users will receive their own patient summary with a hospital focussed scope). Approximately 2100 users currently fit this category.

**Secondary Actors:**

*{A secondary actor is a person or group of people that is needed to complete the process successfully.}*

**Triggers:**

Non-hospital user accesses patient’s Leeds Care Record view of their patient to gain a snapshot of who is involved with the patient, what alerts, allergies, medications etc. are currently available.

**Pre-Conditions:**

Patient must be registered at a Leeds Care Record GP Practice

Patient must have a valid NHS number

Patient must have data sharing preferences in their GP Practice Clinical System set to allow the sharing of data

**Post Conditions:**

*{Post-conditions are guaranteed outcomes of the use case. Any post-condition is guaranteed to the true when the use case ends.}*

* **On Success:**

Patient data will be retrieved from the patient’s GP Practice Clinical System and incorporated into the summary screen displayed to the user.

* **Guaranteed:**

Either the patient’s data, or an error message explaining why there is no data passed will be available to display in the patient summary screen

Potential Error messages:

* No data available
* Patient not found
* Sharing Agreement is not set up
* Patient does not consent
* Response payload is invoked
* Unable to invoke endpoint
* Unable to resolve NACS
* Unknown error details
* Timeout
* Message processing error
* Request channel timeout
* Underlying connection was closed
* No endpoint listening

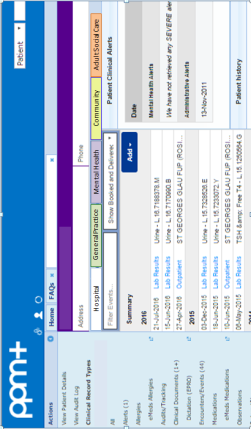
**Basic Flow with Alternative and Exception Flows:**

|  |  |
| --- | --- |
| Step 1 | LCR user attempts to access patient LCR record on PPM+ (either using a browser or a link within their local clinical system) |
| Step 2 | LCR system identifies the Patient’s GP Practice end point using PDS/SDS lookup |
| Step 2a | Patient is not found at a GP practice, standard hospital view (PPM+) is presented to user - error message advising why no GP data available |
| Step 3 | Spine Security Proxy (SSP) checks organisation to organisation sharing agreement exists between requesting organisation (doctors) and the Patients register GP Practice, and that the interaction (e.g. Get Medications) is part of the sharing agreement |
| Step 3a | Patient is not registered at an LCR practice therefore there is no data sharing agreement, standard hospital view (PPM+) is presented to user - error message advising why no GP data available |
| Step 4 | GP Practice Clinical System checks Patient permissions and consent to share |
| Step 4a | Patient has not consented to share, standard hospital view (PPM+) is presented to user - error message advising why no GP data available |
| Step 5 | System makes a series of calls to GP Connect:   * Medications – medications within their prescribed periods (i.e. active). E.g. GP prescribes for 8 weeks on 1st February - this medication would show as active until 29th March, 8 weeks later   + Acute   + Repeat   + Hospital (prescribed by hospital, recorded on GPSS)   + Who and when prescribed it * Allergies   + Allergy and severity (if available)   + Who and when identified it * Conditions/Problems   + Severity   + Who and when identified it * Immunisation   + Which version   + Who and when gave vaccination   + Date   + Vaccine Code   + Performer * Vital Signs * Observations * Procedures * Encounter   For all data retrieved include date recorded. |
| Step 6 | System makes a series of calls to other 4 systems to which the patient has an open referral with (Hospital, Community, Social Care, Mental Health) requesting the summary dataset from each |
| Step 7 | The results of the calls made to each system are integrated into a series of melded views, displayed to the user as illustrated below |
| Step 7a | Any errors returned from any/all of the calls in previous steps will be displayed as part of the summary |

**Supporting Information:**



**Current Standard 5 - tab view. Data is segmented by organisation**

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User has to click back and forth to see data across care settings. Unable to see a melded view

**PATIENT SUMMARY showing melded views incorporating data retrieved from GP CONNECT**



**Example of a dedicated care Journey which crosses Care Boundaries (Diabetes)**

