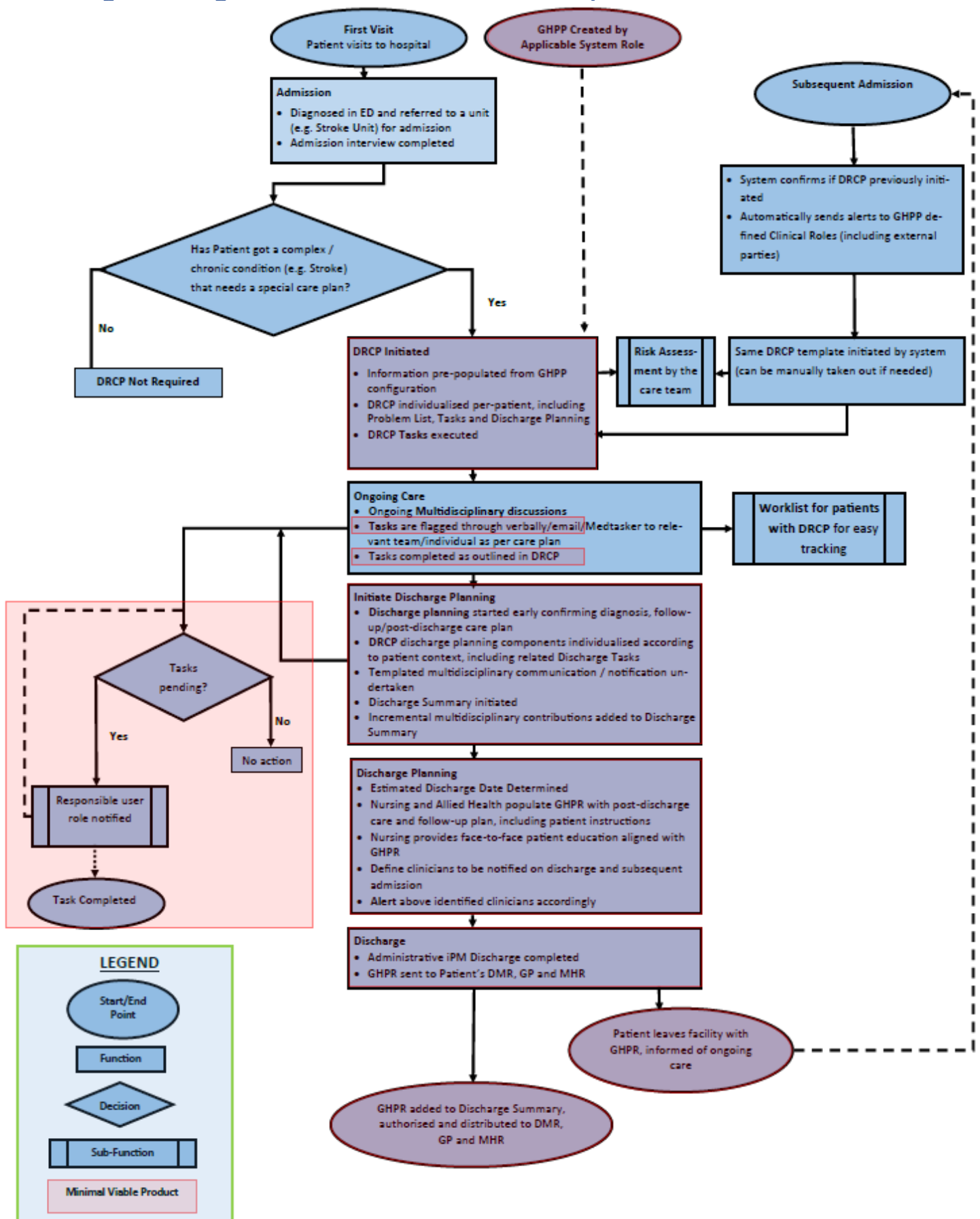


80.L. Care Profile Creation - Requirement Specification

Original 'Going Home Plan & Alerts' – Process Map



User Interface and System Functional Requirements

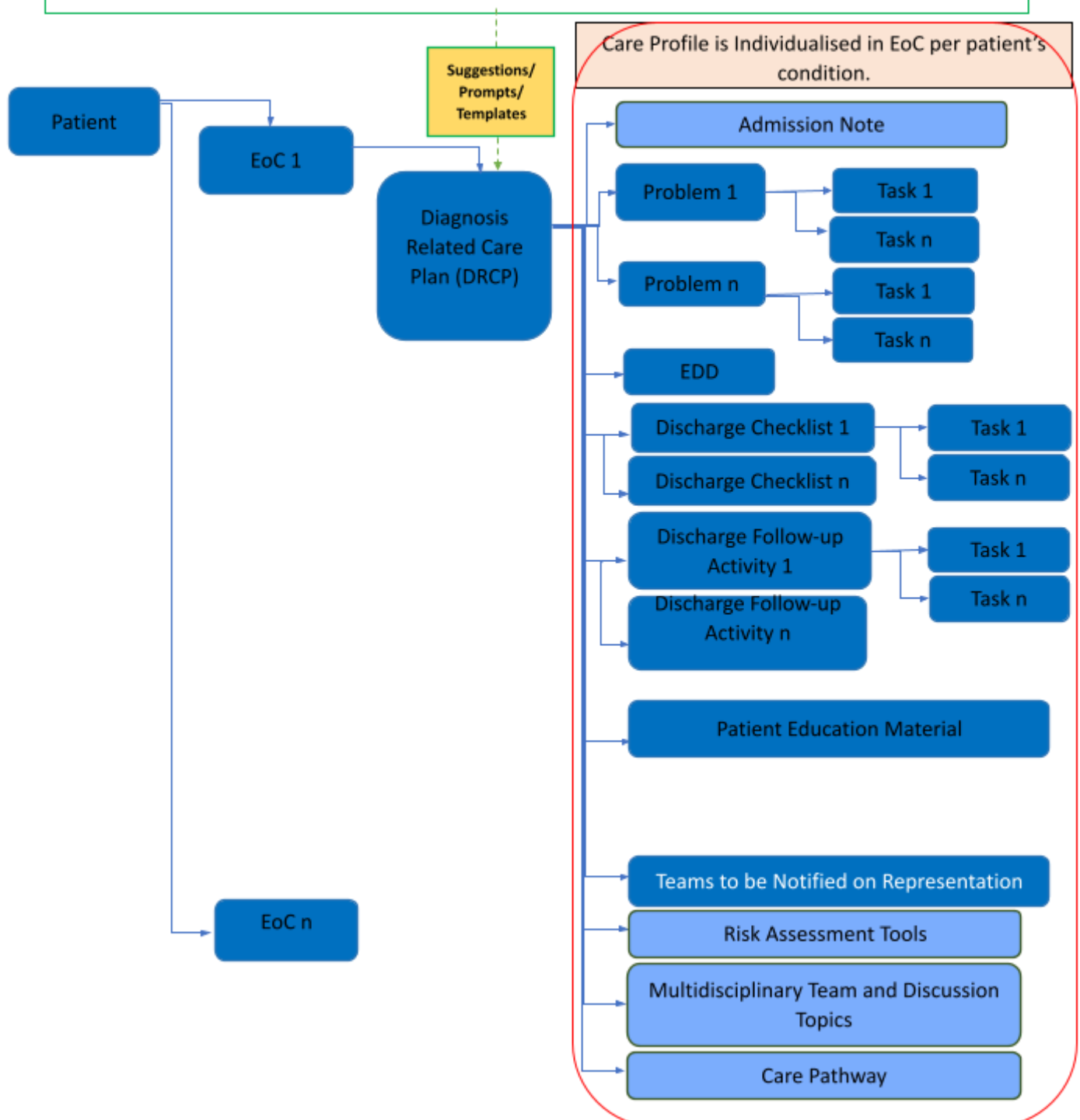
High-Level Functional Model

For any given Inpatient Episode of Care (EoC) associated to a patient identified with a Tasmanian Health Client Index (THCI), it is anticipated that a single DRCP is created on Admission or during the inpatient stay, based on a patient's Primary Diagnosis. The contents of a DRCP are defined by agreed, privileged system user roles, within an appropriately titled GHPP.

From a high-level, the association between GHPPs, DRCPs and GHPRs is as such:

Predefined Care Profile;

Admission note, Problems (& Tasks), Average Length of Stay, Discharge Checklist, Discharge Follow-up Tasks, GHPR, Risk Assessment, Care Pathway, Multidisciplinary Team & discussions



Setting the Diagnosis Related Care Plan

Diagnosis Related Care Plan is a set of electronically predefined directions, suggestions, prompts, templates, or decision support tools embedded in clinical workflow information management through Going Home plan and alerts initiative.

A patient with specific diagnosis can be assigned into a predefined Care Plan which subsequently directs the care providers in multiple steps in the clinical workflow to capture information and make appropriate decisions.

More information on the Diagnosis Related Care plan is available **Appendix 1** below.

Requirements and needed function from the system.

Requirements	Needed function
<ul style="list-style-type: none"> - User with administrative privileges load the Creating Diagnosis Related Care Plan user interface (UI) - This user should be able to create new Diagnosis Related Care Plan, search existing Care Plans, and edit existing Care Plans and its related lists, templates, pathways, tasks. 	<p>On authentication with system, present the user with one of three interfaces:</p> <ul style="list-style-type: none"> - Click-through to existent Patient Record with existent EoC with existent GHP (i.e. GHP interface) - Click-through to existent Patient Record with existent EoC with No GHP (i.e. Patient Interface) - Authenticated and presented with list a of current EoCs (+/- current GHPs) (i.e. Search interface)
<ul style="list-style-type: none"> ● <u>Creating new Care Plan</u> <p>Type the name of the new Care Plan. System flags if the given care plan name exists. User defines the unit and the healthcare facility which the Care Plan is created from.</p>	
<ul style="list-style-type: none"> ● Set other attributes of the Care Plan. <ul style="list-style-type: none"> <input type="checkbox"/> Add/Edit the Problem List of the Care Plan with related tasks, responsible personal to the tasks, and timeline to achieve tasks. <input type="checkbox"/> Set/Edit the <u>Average Length of stay</u> for the diagnosis (DRG)/care plan to obtain Estimated Date of Discharge (EDD) <input type="checkbox"/> Define/Edit Discharge Planning checklist for the care plan. <input type="checkbox"/> Define/Edit Discharge follow-up tasks for the care plan, responsible personal to the tasks, and timeline to achieve tasks <input type="checkbox"/> Set/Edit Going Home Plan report (Patient education material) for the care plan. 2 Set/Edit Care Pathway for the care plan. 2 Set/Edit Multidisciplinary (MD) team for the care plan. 2 Set/Edit MD discussion topics for the care plan. 	<ul style="list-style-type: none"> <input type="checkbox"/> PFM has EDD <input type="checkbox"/> Average LoS from Health Round-Table <input type="checkbox"/> Editable (with role authority) <input type="checkbox"/> Mandatory comment field

□ Set/Edit **Risk Assessment tools** for the care plan.

80.I.1 Add, Edit, or Cancel New Care Profile: Suggested UI

The screenshot displays a software interface with a modal window titled "Add, Edit, or Cancel Care Profiles". The background interface includes a top navigation bar with tabs: Problem List, EDD & Other, Discharge Checklist, Discharge Follow-up, Patient Education, Notification Team, Risk Assessment, Admission, Care Pathway, and Multi-disciplinary. Below the tabs are several buttons: RHH- Acute Stroke (with a dropdown arrow), Hospital: RHH, Unit: Acute Stroke, Date Created, and Add/Edit/Cancel Care Profile (circled in red). The modal window contains the following elements:

- Profile List:** A list box showing four entries: "RHH: Neurology- Acute Stroke", "RHH: Neurology- Seizures", "RHH: Neurology- Parkinson's", and "RHH: Cardiology- Heart Failure".
- Filter:** A section with three dropdown menus: Hospital, Unit, and Name/ Diagnosis.
- Form Fields:** A series of input fields with labels: Hospital, Unit, Name/ Diagnosis, Version, Created by, and Date Created.
- Buttons:** Four buttons at the bottom right: Add New, Edit, Save, and Cancel.

80.I.2 Set Problem List: Suggested UI

RHH- Acute Stroke

Hospital: RHH

Unit: Acute Stroke

Date Created

Add/Edit/Cancel Care Profile

Problem List

EDD & Other

Discharge Checklist

Discharge Follow-up

Patient Education

Notification Team

Risk Assessment

Admission

Care Pathway

Multi-disciplinary

Problem	Description
Paralysis	
Dysphagia	
Hypertension	
Diabetes	

Add Problem

Edit Problem

Delete Problem

Potential Related Tasks	Due Timeframe	Responsibility	Notes
Physiotherapy assessment	1 d	Acute Stroke-Physiotherapy	
Acute rehabilitation referral	2 d	Acute Stroke - Intern	

6.2. Set Discharge Planning: Suggested UI

The screenshot displays a web application interface for managing discharge planning. At the top, there are four green boxes: 'Care Plan: RHH- Acute Stroke' with a dropdown arrow, 'Hospital: RHH', 'Unit: Acute Stroke', and 'Date Created'. Below these is a horizontal tab bar with six tabs: 'Problem List', 'EDD & Other', 'Discharge Planning' (highlighted in blue), 'Discharge Follow-up', 'GHP', 'Care Pathway', and 'Multidisciplinary'. The main content area is a large light blue rectangle with a vertical scrollbar on the right. To the right of this area are three stacked blue buttons: 'Add/Edit Item', 'Save/Cancel Item', and 'Delete Item'.

6.4 Set Going Home Plan Report: Suggested U

Care Plan: **RHH- Acute Stroke** Hospital: RHH Unit: Acute Stroke Date Created

Problem List

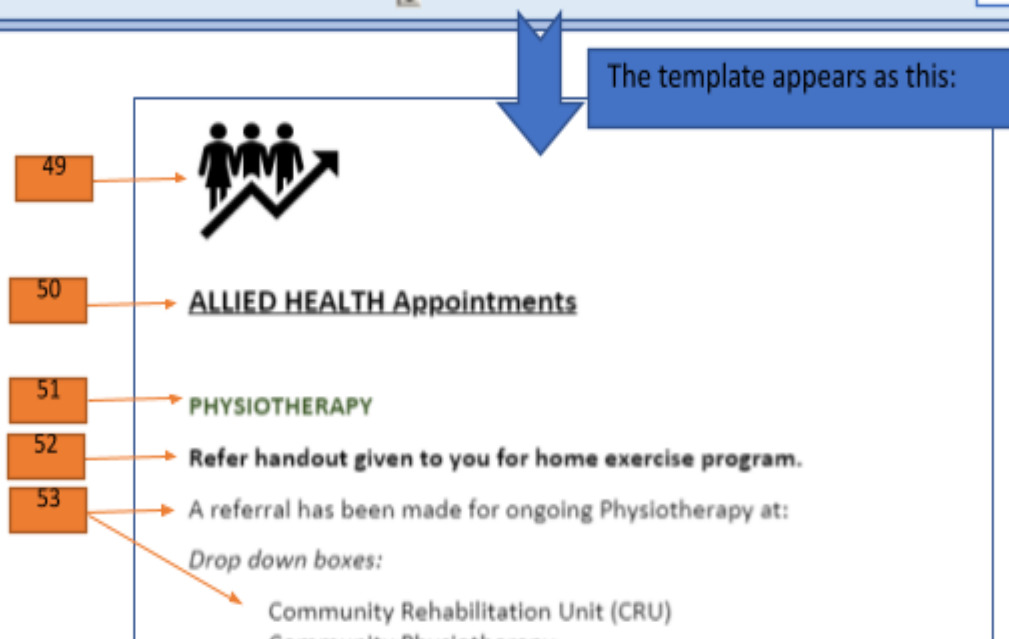
EDD & Other
Discharge Planning
Discharge Follow-up
GHP
Care Pathway
Multidisciplinary

Add/Edit Phrase
Save/Cancel
Delete Phrase


Combo Item List

Upload Image
Image Viewer

y
Community Transitional Care Program (CTCP)
Private Physiotherapy



6.5 Set Care Pathway: Suggested UI

Care Plan: **RHH- Acute Stroke** 

Hospital: **RHH**

Unit: **Acute Stroke**

Date Created

Problem List

EDD & Other

Discharge Planning

Discharge Follow-up

GHP


Care Pathway

Multidisciplinary


Add/Edit

Save/Cancel

Delete

Care 

Potential Tasks Related to the Action:

Standard Care Pathways: **Tasmanian Pathways- Stoke** 

Preview Care Pathway here

6.6 Set Multidisciplinary Team & Topics: Suggested UI

Care Plan: RHH- Acute Stroke

Hospital: RHH

Unit: Acute Stroke

Date Created

Problem List

EDD & Other

Discharge Planning

Discharge Follow-up

GHP

Care Pathway

Multidisciplinary

Multidisciplinary Team

Add/Edit Member Functionality

Save/Cancel Member

Delete Member

Multidisciplinary Discussion Topics

Add/Edit Topic

Save/Cancel Topic

Speech therapy	
Diet & Nutrition	

Care Plan:
RHH- Acute Stroke
Hospital: RHH
Unit: Acute Stroke
Date Created

Problem List
EDD & Other
Discharge Planning
Discharge Follow-up
GHP
Care Pathway

Information to set EDD

Add/Edit LOS

Other Important Resources in Managing Patients with Similar Condition

Multidisciplinary

Add/Edit Resource
Delete Resource

UI 2. Allocating an Admitted Eligible Patient into a Care Profile

Requirements	Needed function
<ul style="list-style-type: none"> User should be able to select/search the patient in the GHP system once admitted through iPM 	<ul style="list-style-type: none"> - There may be direct links from DMR/PFM/HCS which direct users to relevant patient's episode in the GHP interface
<ul style="list-style-type: none"> Some of the patient's administrative data may be auto-populated in the patient's profile/episode of the GHP interface 	
<ul style="list-style-type: none"> If patient is having a condition/diagnosis that needs a care plan the user should be able to allocate the patient into a relevant diagnosis related care plan with predefined problem list and related tasks, EDD, Care Pathway, Discharge checklist. Discharge follow-up tasks, Going Home Plan template for patient education, and risk assessment tools, MD discussion topics and team members. 	
<ul style="list-style-type: none"> During this process there should be the facility for the user to check/view the attributes/predefined settings of the Care Plans readily (may be without going to the Care Plan Add/Edit interface). 	

Inpatient Episode																			
Commands A <ul style="list-style-type: none"> • Patient's Profile • Create task • Settings 		John Edward Pretty DOB: 19.07/1967 Address: 76, New Norfolk TAS 7058 Pt ID: 1099039988																	
Prints B <ul style="list-style-type: none"> • Print Inpatient infor. 		Consultant: Dr. XXX XXXXXX Ward: XXXXX Bed: XXX Admitted Date: 13/4/21 Discharge Date:																	
<div> <div>Episode</div> <div>Corres.</div> <div>Notes</div> <div>All</div> </div> <div> <div>Admission 13/04/21-30/04/21</div> <div>Emergency visit 13/04/21</div> <div>Outpatient visit 16/05/20</div> <div>Outpatient visit 18/06/19</div> <div>Correspondent - GP 23/10/18</div> <div>Scanned Doc - Internal 23/10/18</div> <div>Admission 11/12/17-17/12/17</div> <div>Correspondent-Other 23/02/16</div> <div>Note- 24/01/16</div> </div>		<div> <div>Summary & Care Plan</div> <div>Admission</div> <div>Problem List</div> <div>Care Pathway</div> <div>Tasks</div> <div>Risk Assessment</div> <div>MD Discussions</div> <div>Notes</div> <div>Observations</div> <div>Orders</div> <div>Procedures</div> <div>Medications</div> <div>Hand Over</div> <div>Discharge Planning</div> <div>Dis. Summary</div> <div>Pt Education</div> </div>																	
Diagnostics D <ul style="list-style-type: none"> • Pathology <ul style="list-style-type: none"> ○ FBC - 15/02/21 • Radiology 		<div> <div>Summary of this Episode</div> <table border="1"> <thead> <tr> <th></th> <th>Care Profile</th> </tr> </thead> <tbody> <tr> <td>Primary Diagnosis</td> <td>Ischaemic Stroke Acute Stroke</td> </tr> <tr> <td>Secondary Diagnosis</td> <td>Hemiplegia EDD</td> </tr> <tr> <td>Comorbidities</td> <td>Hypertension</td> </tr> <tr> <td>Procedures</td> <td></td> </tr> <tr> <td>Alerts & Allergies</td> <td>Falls risk, Sulphur allergy</td> </tr> <tr> <td>Medications</td> <td>Atorvastatin, Atenolol</td> </tr> <tr> <td>Hand Overs</td> <td>Check bloods every second day.</td> </tr> </tbody> </table> </div> <div> <div>Summary Notes</div> <div> Sean Jones (12/04/2021 @ 1400) Referred to speech therapists. </div> </div>			Care Profile	Primary Diagnosis	Ischaemic Stroke Acute Stroke	Secondary Diagnosis	Hemiplegia EDD	Comorbidities	Hypertension	Procedures		Alerts & Allergies	Falls risk, Sulphur allergy	Medications	Atorvastatin, Atenolol	Hand Overs	Check bloods every second day.
	Care Profile																		
Primary Diagnosis	Ischaemic Stroke Acute Stroke																		
Secondary Diagnosis	Hemiplegia EDD																		
Comorbidities	Hypertension																		
Procedures																			
Alerts & Allergies	Falls risk, Sulphur allergy																		
Medications	Atorvastatin, Atenolol																		
Hand Overs	Check bloods every second day.																		
General Health Related Information (Comorbidities, Alerts, Allergies, Social Hx, etc.)																			
Patient Information																			

8. UI 3. Setting the Problem List for the Patient

Problem	Date & Time Created	Author	Status	Notes
Left sided paralysis	01-06-21 @ 0900	James Fraser	Attended	L/S haemorrhagic stroke
Swallowing difficulty	01-06-21 @ 0900	James Fraser	Attended	
Hypertension	01-06-21 @ 0900	James Fraser	Attended	Not on regular meds
No medication information	01-06-21 @ 0915	Kim Homes	Sorted	No inform in DMR
Related Tasks	Due Date & Time	Responsibility	Completed	Notes
Physiotherapy assessment	02-06-21 @ 0900	Acute Stroke-Physiotherapy	Yes	
Acute rehabilitation referral	02-06-21 @ 1500	Acute Stroke - Intern	Yes	

9. UI 10. Discharge Planning

Requirements	Needed function
<ul style="list-style-type: none"> At any point of inward care, the users should be able to initiate discharge planning process through a user-friendly interface setting the following. <ul style="list-style-type: none"> EDD Discharge check list (and relevant tasks) Discharge follow-up tasks <p>which will be under the patient's inward episode.</p>	
<ul style="list-style-type: none"> Once the user goes into discharge planning for the first time, tentative EDD, potential discharge checklist with tasks, discharge follow-up tasks for the assigned Diagnosis Related Care Plan will be suggested as per predefined attributes of the Care Plan 	
<ul style="list-style-type: none"> User should be able to add the suggested EDD into patient's episode. This EDD can be amended at any point of care as per patient's condition or the context of care provision. However, in that case the user should be prompted to enter the reason for changing the EDD. 	<ul style="list-style-type: none"> In the backend system should capture any changes for the EDD and the reason for the change.
<ul style="list-style-type: none"> User should be able to add the suggested discharge checklist and related tasks, responsible personal, and timeframe to complete them or define new discharge checklist items as per patient's condition (individualisation of the discharge checklist). System should facilitate this with a list of possible discharge checklist items in a clinical context (may be from a predefined list, or evolving list as per clinical inputs/entries). 	
<ul style="list-style-type: none"> User should be able to add the suggested discharge follow-up tasks, responsible personal, and timeframe to complete them (as per given care plan) or define different follow-up tasks as per patient's condition (individualisation of the discharge follow-up). System should facilitate this with a list of possible discharge follow-up tasks a clinical context (may be from a predefined list, or evolving list as per clinical inputs/entries). 	
<ul style="list-style-type: none"> Users should be able to view the discharge checklist/follow-ups, relevant tasks, responsible personal to complete the task with timeframe in a user-friendly interface. 	

Mr. John Little

DOB 10/10/1960

THICI: 102536478

Date Admitted: 01/06/2021

Hospital: RHH

Unit: Acute Stroke

Consultant: D.XXX

Care Plan

RHH-Acute Stroke



Dashboard
& Tasks

Problem
List

Notifications

**Discharge
Planning**

Resources

GHP

Care
Pathway

Risk
Assessment

Multi-disciplinary

Estimated Date of Discharge (EDD)

30/06/2021

Edit

Reasons for changing EDD



Discharge Checklist

Add/Edit

Save/Cancel

Delete



Discharge Follow-up Tasks



10. UI 6. Setting and Tracking Clinical Tasks

Requirements	Needed function
<p>Clinical tasks can be originated from the problem list, care pathway, discharge checklist, or discharge follow-up activities. Users should be able view and track these tasks in a single list (in an interactive, user-friendly interface) with the information of whom responsible to complete the task, timeframe to complete the task, how the task should be flagged/alerted to the owner of the task, how often it should be reflagged and whether the tasks is completed or not.</p> <p>Further, provision of entering ad hoc tasks (arising for MD discussions, ward rounds, or senior/expert advice) under the patient's episode should be also facilitated.</p>	<p>In MVP, task can be manually marked as completed when done, but in future iteration this should be automatically indicated according to acknowledgement/response of the task owner.</p>

Search Patient:

Mr. John Little
DOB 10/10/1960
THICI: 102536478
Date Admitted: 01/06/2021

Hospital: RHH
Unit: Acute Stroke
Ward: K10 East Bed: 20
Consultant: D.XXX YYYYYY

Care Plan
RHH – Acute Stroke

Dashboard & Tasks
Problem List
Notifications
Discharge Planning
Resources
GHP
Care Pathway
Risk Assessment
Multidisciplinary

Edit
Edit
Edit
Expand
Expand
Expand

Get Information from HCS

	ce Clinic						
Medication	Metfor min, Aspirin , Atorva statin, Losarta n						
Tasks	Set By	Due Date & Time	Responsibility	Status	Alerting Method	Alerting Frequency	Notes
Physiotherapy assessment	Dr. Carter	01-06-21 @ 0900	Acute Stroke- Physiotherapy	Overdue			
Acute rehabilitation referral	Jane Cooley	02-06-21 @ 1500	Acute Stroke - Intern	Done			
Speech therapy referral	Jane Cooley	03-06-21 @ 1500	Acute Stroke - Intern	Pending			

UI 11. Going Home Plan Report

Requirements	Needed function
<p>Going Home Plan report has mainly three components.</p> <ol style="list-style-type: none"> 1. Patient's administration information (Name, THCI, Date of Birth, Address, Admission Date, Discharge Date, Admitted Consultant, Admitted Ward, and GP's name) which should be auto-populated from the iPM. 2. Patient's episode/discharge related clinical information such as Primary Diagnosis, Secondary Diagnosis, Comorbidities, Alerts/Allergies, Procedures undergone, Medications which should be auto-populated from both iPM and HCS. 3. Patient education information, which the user should individualise as per patient's context utilising a template (as per Care Plan) and the available dropdown lists and free text fields in the template. 	<p>- iPM and HCS integration is needed</p> <p>- In case HCS integration (HCS ↔ GHP) is challenging at least there should be a window to see HCS discharge summary entries (in case doctor has initiated the summary) in order to avoid information mismatch (Diagnosis, Comorbidities etc.) in two systems.</p>
User should be able to initiate this even in the absence of the pending/finalised discharge summary in HCS.	
Once the Going Home Plan Report is finalised PDF copies should be sent to the DMR, GP communication portal (generic email) and My Health Record.	<p>DMR integration to send the report as PDF under patients' episode.</p> <p>Communication with MHR.</p>

Search Patient:
THCI

Mr. John Little
DOB 10/10/1960
THCI: 102536478
Date Admitted: 01/06/2021

Hospital: RHH
Unit: Acute Stroke
Ward: K10 East Bed: 20
Consultant: D.XXX YYYYYY

Care Plan
RHH – Acute Stroke

Dashboard & Tasks
Problem List
Notifications
Discharge Planning
Resources
GHP
Care Pathway
Risk Assessment
Multi-disciplinary

Community Physiotherapy

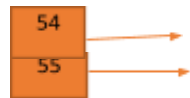
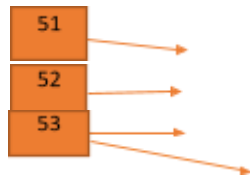
56 You have been given these [Fact Sheet](#) handouts for information:

Patient Infor. From iPM	Mr. John Little DOB 10/10/1960 THICI: 102536478 Date Admitted: 01/06/2021 Discharge Date: 15/06/2021	<i>Hospital: RHH</i> <i>Unit: Acute Stroke</i> <i>Ward: K10 East Bed: 20</i> <i>Consultant: D.XXX YYYYYY</i> <i>GP & Practice: Dr.Jonathan Styne at Clarence Clinic</i>
		<i>Care Plan:</i> RHH Acute Stroke

Information for the Patient
Body of patient education...

Body of the GHP Report





ALLIED HEALTH Appointments

PHYSIOTHERAPY

Cont. patient education...

A referral has been made for ongoing physiotherapy at:
[Community Physiotherapy](#)

Post-disch
arge plan

You will be contacted by the Department with your appointment details.
If you have questions or concerns please ring: [036753784](tel:036753784)

You have been given these Fact Sheet handouts for information;
[Mobility and Exercise after Stroke](#)

Post-Discharge Tasks for Healthcare Providers

Related Tasks	Due Date & Time	Responsibility	Notes
Physiotherapy assessment	06-07-21 @ 0900	Acute Stroke-Physiotherapy	Mobility to be assessed in the outpatient clinic in 6 weeks. Clinic appointment done.
Check bloods	Clinic date	Acute Stroke-Medical	Outpatient clinic booked in 6 weeks
Assess hypertension	2 weeks	GP	GP to check BP and review antihypertensives

11. UI 4. Risk Assessment

Requirements	Needed function
Risk assessment tools have components/questions care provider has to fill, while some of them may auto fill from existing data, and in the end, system calculates a score or risk and inform the care provider.	
Setting / editing risk assessment tools.	

<p>User should be able to create/edit any risk assessment tool in a UI which facilitates this.</p> <p>Then through the UI for Care Plan setting it should provide the provision of assigning these assessment tools (one or more) into a care plan.</p> <p>Once the care plan is assigned to a patient, predefined risk assessment tools should be prompted during clinical workflow.</p> <p>Completion of the risk assessment through these tools should be tracked as clinical tasks.</p> <p>User must be able to assign any predefined risk assessment tool as per patient's condition, even tools which are not assigned to a care plan of the patient.</p>	
---	--

12. UI 5. Care Pathway

Requirements	Needed function
<p>Care pathway gives the directions to the care providers to manage a patient with a specific diagnosis, which make care provision more standardised and safer. This may guide the care providers to complete number of tasks in the chronological order or any point of care. Thus, care pathway leads to a set of tasks, responsible personnel, and timeframe to complete them.</p> <p>Care pathway can be set/predefined as per the Diagnosis Related Care Plan which is assigned to a patient in GHP programme.</p> <ul style="list-style-type: none"> - There should a UI for the Care Pathway under the patient's episode. In the beginning the system should auto-populate the already predefined care pathway for the Diagnosis Related Care Plan. - As per patient's context/problems care providers should be able to accept, change, or add steps/tasks as per the patient's context. - This UI should be user-friendly, a graphical interface may be used. 	

13. UI 7. Multidisciplinary Team and Discussions

Requirements	Needed functions
<p>Multidisciplinary (MD) team discussions around patient care is paramount of importance in clinical practice. This team includes doctors, nurses, allied health staff who provide care for the patient. They discuss around topics (generic, special as per patient's condition) at least weekly and take collective decisions around that. These discussions should be transparent to care team and there should be the facility to communicate around the issues. Ultimately decisions arising from the MD discussions may lead to clinical tasks which should be allocated to responsible personnel with a timeframe.</p>	

<ul style="list-style-type: none"> - There should an interactive UI for multidisciplinary communication under the patient's episode. In this UI team members should be identified, further topics, decisions and tasks also should be highlighted. - Once the user goes into this MD UI for a given patient's episode MD team and MD discussion topics should be suggested from the system as per Diagnosis Related Care Plan (from its predefined attributes) which the patient is assigned to. - User should be able to accept these MD members and topics and add more as per patient's context. - There may be a summary of the patient's condition in the top of the UI - There might be a summary for each topic - Discussions under the topic should be captured with team members name, position, date and time in the chronological order. - Decisions and tasks coming out of the discussions should also be highlighted for each topic. 	
---	--

14. UI 8. Automatically Alerting Tasks in Ongoing Clinical Care

Requirements	Needed function
<p>Clinical tasks are originated from several entry points (problem list, care pathway, discharge checklist, discharge follow-up activities, and manual entry). In the initial step (MVP), these will be listed in a user-friendly interface and to be tracked manually by the care provision team. However, system may indicate/highlight overdue tasks.</p> <p>In the subsequent steps these should be automatically tracked by the system according to the given responsible personnel and time frame. As per predefined other attributes of the tasks (such as how the task should be flagged/alerted to the owner of the task, how often it should be reflagged) pending tasks will be alerted through email, SMS, or Medtasker (staff mobile app).</p> <ul style="list-style-type: none"> - There should a UI to view the pending and completed tasks and their attributes under the patient's episode (as suggested above) - Further, this UI should indicate the number of sent/set alerts for the tasks - It also should facilitate manual alerting by the care provider when needed (a button to trigger the alert through SMS/Medtasker overriding the flagging schedule as per requirement) 	<p>Either the GHP system should do this task tracking internally or use a third party workflow management tool such as Nintex Workflow.</p> <ul style="list-style-type: none"> - System should integrate with third party automated SMS service with an API - System should integrate with Medtasker through a direct link or an API using HL7/FHIR messaging. - Need proper integration with a third partly workflow management tool if going in that pathway

<ul style="list-style-type: none"> - Tasks and their completion (completed within timeframe) should be tracked from the backend for reporting 	Tracking of task completion from GHP system or from Medtasker.
--	--

15. UI 9. Chronic Disease Worklists

Requirements	Needed function
<ul style="list-style-type: none"> - The user should be able to list all the present and past patients who were assigned to any Diagnostic Related Care Plan. - There should be the facility to go to patient's profile □ episode by just clicking the relevant patient in the list - Pending/overdue tasks can be indicated in this worklist - Further filtering according to the admission date, discharge date, unit, consultant, ward and searching as per name, THCI (patient ID), DOB, and address should be facilitated - User should be able to get a printout of this list 	

16. UI 12. Clarification of Care Providers to be Notified

Requirements	Needed function
<p>Care providers in the home team should be able to define the list of internal/external care providers that should be notified before the discharge and in subsequent admissions/readmissions.</p> <ul style="list-style-type: none"> - There should be an UI to assign these - Once the user first goes into this interface in the discharge planning process, the system should pick the potential team to be notified from the MD team list, and suggest that list to use/consider using. Or else this list can be prompted as a predefined list for given Care Plan of the patient. - User should be able to accept, edit, and add the care provider list who should be notified - Further, the user should be able to set when to notify (on discharge, readmission, or both), how to notify (email, SMS, Medtasker) through an interactive interface - System admin should be able to edit the generic message/template used for these messaging. 	<ul style="list-style-type: none"> - According to this predefined list, notification timing and method to notify to relevant care provider prior to discharge planning (when the EDD is confirmed) and when the patient is registered in the iPM (during readmissions/subsequent admissions) alert is automatically sent from the system. - iPM link is needed to capture new admissions in GHP programme and automatically triggering the alerts according to the admissions created in iPM database.

Appendix 1

Diagnosis Related Care Plan

Diagnosis Related Care plan is a set of electronically predefined directions, suggestions, prompts, templates, or decision support tools embedded in clinical workflow information management through Going Home plan and alerts initiative.

A patient with specific diagnosis can be assigned into a predefined Care Plan which subsequently directs the care providers to capture information and make appropriate decisions in multiple steps in the clinical workflow. Once the patient is allocated into a predefined care Plan by the user on admission or start of the patient journey, in several steps in the clinical workflow (creating problem list, forming care pathway, discharge planning, creating Going Home Plan report, etc.) system would prompt potential lists, suggestions, tasks, templates, etc.

This would make work easy of the user as well as improve capturing of information, utilisation, decision making, sharing information, and patient education safer and more effective. Further, this approach would give more flexibility to shape up clinical modules as per the requirements of various diagnosis, units, clinicians, and hospitals without changing the core system.

Following components can be added into a care plan.

(**Red-** in Minimal Viable Product, **Blue-** in sequent steps, **Purple** – Potential opportunities in the future)

Module/Activity	Example (Care Plan: Acute Stroke)
Problem List □ Tasks	Following problems can be prompted as suggestions/guidance. <ul style="list-style-type: none">- Paralysis □ hemiparesis, quadriplegia- Swallowing difficulty- Hypertension- Diabetes- Living alone
Care Pathway □ Tasks	Standardised activities/tasks to provide care for stroke pts. May use Tasmanian HealthPathways , modified as per clinical needs of the home team. Every pathway component/step may include related tasks, responsible personal, and timeline to achieve.
MD Discussions <ul style="list-style-type: none">- MD Team- MD Discussion Topics	Stroke Consultant, Stroke Registrar, Stroke JMO, Stroke NUM, Stroke OT, Stroke Physiotherapist, Social Worker, Speech therapist <ul style="list-style-type: none">- Acute Medical Condition- Physical functionality- Speech therapy- Social work
Discharge Planning <ul style="list-style-type: none">- Estimated Date of Discharge (EDD)	Flexible EDD <ul style="list-style-type: none">- Electrolyte checklist

<ul style="list-style-type: none"> - Discharge Checklist □ Tasks - Post discharge plan □ Tasks (External + Internal) 	<ul style="list-style-type: none"> - Physiotherapy assessment - Follow-up plan - Going Home Plan Report - Outpatient booking - Discharge Summary - Discharge script - Check electrolytes in 2 days by GP - Review by GP for driving in 6 weeks - To be seen by physio in the outpatient follow-up
Pt Education (GHP report)	Templated individualised patient education document
Risk Assessment Tools	<ul style="list-style-type: none"> - Myoclinic tool - Frailty score
Discharge Summary	Templated discharge communication
Admission Information <ul style="list-style-type: none"> - Essential information - Additional information - Investigations - Management plan 	Admission note with structured entry/template
Comprehensive care plan	Templated individualised comprehensive care plan as per patients' condition, risk assessment, and to be provided to the community care providers and hospital care providers in subsequent admissions in addition to discharge summary and going home plan report.