






















T	Key	Summary	Parent	Description
	COV-172	As a Health Official, I want the status reports to include a list of places the Patient has been in the last day, so that I can better contact trace them	 Contact Tracing	<div>Requirements: Front end:<ul style="list-style-type: none">• New page with a form to input address• On submit<ul style="list-style-type: none">◦ Show toast◦ Reset formAPI:<ul style="list-style-type: none">• endpoint to add new location report<ul style="list-style-type: none">◦ POST to /location_report◦ Body<ul style="list-style-type: none">▪ address fields◦ Returns status code 201Database:<ul style="list-style-type: none">• new table called location_reports<ul style="list-style-type: none">◦ columns<ul style="list-style-type: none">▪ patientId FK to patients table▪ addressId FK to addresses tableSpecifications Personas (accessible by):<ul style="list-style-type: none">• User• Patient</div>
	COV-171	As a Health Official, I want to view a list of all patients who have tested positive in the last [x] days, so that I can contract trace them	 Contact Tracing	<div>Requirements: Front end:<ul style="list-style-type: none">• Page with data table of patients• Date range pickerAPI:<ul style="list-style-type: none">• endpoint to get patients who's last test was positive in date range<ul style="list-style-type: none">◦ GET to {{{patients?status=postive&testDateFrom=Unknown macro: {from}&testDateTo=Unknown macro: {to}}}}▪ Body<ul style="list-style-type: none">▪ None▪ Returns<ul style="list-style-type: none">▪ status 200▪ List of patients who's last test was positive in that rangeSpecifications: https://docs.google.com/document/d/1HtXigREozTG4axqx8wqH1Z1z3EBVayhsiVE9qYLYLDg/edit?usp=sharing Personas (accessible by):<ul style="list-style-type: none">• Health Official</div>

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	COV-169	As a Doctor, I want to view my appointments, so that I can schedule myself	 Appointments	<p>Definition of done: A doctor or patient should be able to view their appointments.</p> <div> <p>Requirements:</p> <p>Front end:</p> <ul style="list-style-type: none"> Adds a new page + table with a list of their appointments <p>Back end:</p> <ul style="list-style-type: none"> Endpoint for a user to get their appointments <ul style="list-style-type: none"> GET /appointments Add route verification for “is patient or doctor” Returns <ul style="list-style-type: none"> status 200 List of appointments for that user <p>Specifications:</p> <p>https://docs.google.com/document/d/1X70ONaP0-sTX_2TIh5iEoOjcD_81YTvXrnqGSwe0wj0/edit?usp=sharing</p> <p>Personas (accessible by):</p> <ul style="list-style-type: none"> Doctor Patient </div>
	COV-126	As a Health Official, I want to contact trace who a Patient has been in contact with in the last [x] days, so that I can manage who is at risk	 Contact Tracing	<p>Requirements:</p> <p>Front end:</p> <ul style="list-style-type: none"> Table containing patients who have been “contact traced” in time range specified Icon by each row to notify user <ul style="list-style-type: none"> Should call notification endpoint <p>API:</p> <ul style="list-style-type: none"> endpoint to get list of patients who have been at the same location on the same calendar day as the target patient within the specified time range <ul style="list-style-type: none"> GET to {{/patients?traceTarget=Unknown macro: {patientId}}} <p>Specifications:</p> <p>https://docs.google.com/document/d/13BqHRJvUiirZGn8sqP2ZCnbrozDp7rPpKgufjNEc26A/edit?usp=sharing</p> <p>Personas:</p> <ul style="list-style-type: none"> Health Official
	COV-120	As a Patient, I want to mark my message with a priority level, so that my Doctor will view it quicker	 Messaging System	<p>Definition of done: A patient should be able to mark their message as “priority” before sending so that doctor knows its important.</p> <div> <p>Requirements:</p> <p>Front end:</p> <ul style="list-style-type: none"> This is augmenting the chat page send bar for the patient only. <p>Back end:</p> <ul style="list-style-type: none"> Update POST messages endpoint to support a isPriority boolean flag <p>Database</p> <ul style="list-style-type: none"> new column in the messages table for is_priority BOOLEAN NOT NULL <p>Specifications:</p> <p>https://docs.google.com/document/d/1voWDcepvfrUwEOI8nGmXi7_eMVITCqjE7uvvIOlc7nA/edit?usp=sharing</p> <p>Personas (accessible by):</p> <ul style="list-style-type: none"> Doctor Patient </div>

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	COV-119	As a Patient, I want to direct message my Doctor, so that I can ask them questions	 Messaging System	<p>Definition of done: A patient should be able to message their doctor through the website to ask them questions and the doctor should be able to respond.</p> <div> <p>Requirements:</p> <p>Front end:</p> <ul style="list-style-type: none"> Should implement the chat page Patient should see 1 chat available (doctor) Doctor should see many chats available (all their patients) <p>Specifications:</p> <p>https://docs.google.com/document/d/1-eOp7mbc4g_DPHw_aCJXns9vgfiEH8UbNSiT8Wksc9A/edit?usp=sharing</p> <p>Personas (accessible by):</p> <ul style="list-style-type: none"> Patient Doctor </div>
	COV-116	As a Doctor, I want to book an appointment with a Patient, so that we can discuss their symptoms	 Appointments	<p>Definition of done: A doctor should be able to book an appointment with a patient so that they can discuss their symptoms more in depth.</p> <div> <p>Requirements:</p> <p>Front end:</p> <ul style="list-style-type: none"> Adds a new form for the doctor to book an appointment with one of their patients <p>Back end:</p> <ul style="list-style-type: none"> Endpoint for a doctor to book an appointment <ul style="list-style-type: none"> POST /appointments Body <ul style="list-style-type: none"> patientId date <ul style="list-style-type: none"> start end address Add route verification for "is patient of doctor" Returns status 201 <p>Database</p> <ul style="list-style-type: none"> new table appointments with columns <ul style="list-style-type: none"> doctor_id patient_id start_date end_date address_id <p>Specifications</p> <p>https://docs.google.com/document/d/1XSpuQnlHnWnvODFoQV5cM6PysjhK6EvAZfMwrX7skF4/edit?usp=sharing</p> <p>Personas (accessible by):</p> <ul style="list-style-type: none"> Doctor </div>
	COV-183	Create UI prototype for doctor "view graphs of status fields" widgets	 Status Management	<p>UI Prototype:</p> <ul style="list-style-type: none"> Add pie chart graphs on the todays status reports page of the different true / false status report options Add time series graphs for weight and temperature change over time for a single patient on the patients status reports page

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<input checked="" type="checkbox"/>	COV-132	As a Doctor, I want to send a notification to a Patient, so that they are reminded of an upcoming appointment	 Appointments	<p>Requirements:</p> <p>Back end:</p> <ul style="list-style-type: none"> When an appointment is successfully saved in the database the notification service should be called to send a notification to the patient The subject of the email should contain the patients name, doctors name, mention the appointment The body should contain all other relevant info about the appointment
<input checked="" type="checkbox"/>	COV-131	As a Doctor, I want to be notified when a Patient updates their status more than once in a day, so that I can look into their status	 Status Management	<p>Requirements:</p> <p>Back end:</p> <ul style="list-style-type: none"> When a patient makes more than one status report in a single calendar day a notification should be sent to the doctor The subject of the notification should contain the patients name and mention the status update The body should contain all other relevant info about the patient and status update
<input checked="" type="checkbox"/>	COV-130	Create generic SMS notification infrastructure	 Notification System	<p>Requirements:</p> <p>API:</p> <ul style="list-style-type: none"> Endpoint to send an sms notification to a user <ul style="list-style-type: none"> This will mainly be used through the service interface by other services not by the front end POST /notifications/sms Body <ul style="list-style-type: none"> toUserId: number → userid notification is being sent to smsBody: string Returns status code 201
<input checked="" type="checkbox"/>	COV-129	Create generic email notification infrastructure	 Notification System	<p>Requirements:</p> <p>API:</p> <ul style="list-style-type: none"> Endpoint to send an email notification to a user <ul style="list-style-type: none"> This will mainly be used through the service interface by other services not by the front end POST /notifications/email Body <ul style="list-style-type: none"> toUserId: number → userid notification is being sent to emailSubject: string emailBody: string Returns status code 201

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<input checked="" type="checkbox"/>	COV-117	Create generic direct messaging infrastructure	 Messaging System	<div>Requirements: API:<ul style="list-style-type: none">• Get users messages<ul style="list-style-type: none">◦ GET /messages◦ Route verification for "patients and doctors only"◦ Get messages associated with userId in jwt token◦ Returns<ul style="list-style-type: none">▪ Status code 200▪ List of messages• Send a message<ul style="list-style-type: none">◦ POST /messages◦ Body<ul style="list-style-type: none">▪ toUserId: number → userid message is being sent to▪ messageBody: string◦ Route verification for "patients and doctors only"◦ save message in db associated with userid in jwt◦ Returns status code 201 Database:<ul style="list-style-type: none">• new table called messages with columns<ul style="list-style-type: none">◦ from_user_id◦ to_user_id◦ message_body◦ created_on</div>