

UseCase: Payroll and Payments Event scheduling : Post-Partum Care Program(PPCP) & Unconditional Social Cash Transfer Program(USCT)

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| ID | PPCP_Scheduler_UC_02 |
| Name | Payroll and payments scheduling: Post Partum Care Program (PPCP) and Unconditional Social Benefit Transfer (USCT) |
| User Journey | <p>Post Partum Care program: https://app.gitbook.com/o/pxmRWOPoaU8fUAbbcrus/s/YLLEfCKTnmzAMDSDzJJH/product-use-case/hltc-1-postpartum-and-infant-care</p> <p>Unconditional Social Cash Transfer program: https://app.gitbook.com/o/pxmRWOPoaU8fUAbbcrus/s/YLLEfCKTnmzAMDSDzJJH/product-use-case/inst-1-unconditional-social-cash-transfer</p> |
| Description | <p>In this example an authorized officer (Organizer) of Ministry (Host Entity) uses an accounting application to schedules two types of events - a Payroll event to compute statements of dues (Salaries/ incentives /social cash benefits/etc.), and a payment event, to initiate salary/incentive/cash benefit transfer to beneficiaries as per approved statements. The officer appoints the accounting application of the host entity as a resource into these events. The Scheduler internally tracks an Alert_schedule of the event and sends appropriate alert messages to the accounting application for initiation of payroll computation or payment transfer. The scheduler receives acknowledgement from accounting application and logs it with date-time stamp. The officer may obtain reports by querying the logs in the scheduler BB from respective host applications (PPCP, USCT, etc.). The officer may also cancel a specific prescheduled event. In case of any changes done to the event and appointment, the scheduler may automatically send notifications to all resources (officer)</p> |
| Trigger | <ol style="list-style-type: none"> 1. PPCP/USCT App sends request to scheduler BB to create a new payroll or payment event 2. PPCP/USCT App sends request to scheduler BB to create a new alert schedule for the payroll or payment event 3. PPCP/USCT App sends request of appointment accounting App as resource into the event 4. PPCP App sends request to scheduler BB to report list of events with status 5. Accounting BB directly sends “acknowledgement” to Scheduler BB |
| Preconditions | <ol style="list-style-type: none"> 1. Officer is registered in Scheduler and affiliated as Organizer in a host entity of the health/social welfare ministry 2. All BBs are already registered with the informed BB Service Directory and are active (Accounting app, messaging gateway, etc.) 3. Organizer is logged into Gov-Stack to do respective tasks 4. Accounting app knows associated beneficiary details and payment rules |

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| | 5. Beneficiaries are registered with contact details(mobile/email/URL) 7. Events to be cancelled already exists in the scheduler 8. Alert messages to be sent are already registered in the scheduler |
| Data inputs | 1. Event creation details 2. Event cancellation details 3. Query parameters for reporting status of specific events 4. acknowledgement messages from accounting app |
| Actors | 1. Host Application (PPCP_App or USCT_App) 2. Organizer (Authorized officer) 3. Resource (Accounting App) |
| Normal Course | <p>1. Event and Appointment Scheduling:</p> <p>a. Organizer feeds in event details through Host_App requesting Scheduler to create “payroll”/“payment” event with given details</p> <p>b. Scheduler creates payroll/payment events in Event List as specified and returns Event IDs to Host_App which in turn publishes it to the organizer</p> <p>c. Organizer seeks appointment of Accounting BB of Host Entity as Resource to both events</p> <p>d. Scheduler returns new Appointment Id</p> <p>2. Event and Appointment cancellation:</p> <p>a. Organizer queries list of events in chosen date-time range to the Scheduler BB through the Host_App app</p> <p>b. Scheduler publishes all events with corresponding details in given date time range where organizer's host entity matches the event host entity.</p> <p>c. Organizer choses specific event and places request to scheduler for cancellation of specific event through Host_App</p> <p>d. Scheduler deletes specific event schedule and associated appointments and returns success status to Organizer through Host_App</p> <p>3. Event tracking and alerting:</p> <p>a. Scheduler tracks its Alert Schedule and at appropriate times it sends alert message to Accounting app’s predefined URL.</p> <p>b. The Scheduler changes the status of Event from pending to “started” status in its Event List.</p> <p>c. The alert message triggers the Accounting App to compute payment statements or initiate new payment transfer through the payment building block, depending on the alert message</p> <p>4. Event Status updates and reporting:</p> <p>a. Accounting App sends to the scheduler BB acknowledge for the alert received</p> <p>b. Accounting app may also send status update when its job gets completed/failed referencing the alert that triggered it</p> <p>c. Scheduler receives and stores all updates from external sources into its log</p> <p>a. Officer requests report of logs of specific category and date range using the Host_App</p> <p>b. Scheduler searches and returns logs matching given criteria</p> <p>c. PPCP_App presents the report to the Officer in appropriate format.</p> <p>Note: Scheduler does not store any reports that it generates</p> |

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| Alternatives | None currently |
| Data output | <ol style="list-style-type: none"> 1. Event/Appointment creation/cancellation notifications 2. Event Log report 3. Alert messages associated with the Event |
| Post-Conditions | <ol style="list-style-type: none"> 1. Specific event created in event list with associated subscribed apps and alerts 2. Logs updated to show event attendance or alert acknowledgements |
| Exceptions | If the payroll or accounting application fails to publish acknowledgement within a wait period (say, 24 hours after scheduled start date-time), the corresponding Resource (accounting app) may be logged as not responding. |
| Related BBs | Information mediator, Accounting App, messaging |
| Remarks | |
| Workflows associated | <ol style="list-style-type: none"> 1. Event Scheduling / cancellation 2. Appointment Scheduling/cancellation 3. Event tracking and alerting as per schedule 4. Log reporting |