Sprint 1: SP1 – Approval Workflow (Admin)

* As an administrator, I want to be able to use the Approval Workflow page to manage approval processes, so that I can efficiently create, configure, view, and control approval workflows.
* Initialize node and express backend
* Connect to the integrated database
* Create database table for Approval Workflow in PostgreSQL
* Create the controllers and routes for Approval Workflow (CRUD)
* Create UI for the Approval Workflow
* Implement the form for approval workflow and its logic
* Implement page for viewing list of approval created
* Implement another page for viewing specific approval

Sprint 2: SP2 – Scholarship Renewal (HR)

* As an HR, I want to be able to manage scholarship renewals, so that I can efficiently assess and update scholar eligibility.
  + Access tables for scholarship renewal based on the excel file given.
  + Create Controller that automatically fetch active scholars for renewal of scholarship (Every semester). Will populate every semester.
  + Create controller that will update scholarship renewal basis (Field to be filled by HR).
  + After the controller update scholarship renewal basis, scholarship status will calculate if scholar passed or delisted/ Administration table will be populated once this is done.
  + Create a UI that display this semester scholar renewal table.
  + Create a UI that show a form field to be filled by user in scholarship basis.
  + Make sure to have proper form validation and proper notification for logs and others.
  + Create a controller that will fetch the info of scholarship renewal for display.
  + Create a controller that will fetch specific scholar info.
  + Create a functionality that can sort the displayed items by School Year, Campus, Program

Sprint 3: SP3 – Approval Workflow (Approver)

* As an approver, I want to be able to manage approval requests, so that I can efficiently review, approve, or reject them.
  + Create a controller for Responding to the approval request set to approver.
  + Create the interface for approving, and rejecting of assigned approval workflow.
  + Create a controller where they can raise concerns if they want to have a change of approver.
  + Implement the raise concern components for approver.
  + Create the workflow logs for approver to have audit trail.
  + Create the viewing interface for all created workflow. (Admin/Creator View).
  + Partial setup of calendar for time duration of approval workflow.

Sprint 4: SP4 – Scheduling Disbursement

* As a scholarship manager, I want to be able to schedule disbursements, so that I can efficiently manage payment dates for scholars.
  + Create a table for scheduling disbursement.
  + Create the controllers and router for Scheduling disbursement (Create).
  + Implement a data fetching controllers for scholars.
  + Create the interface for Calendar viewing.
  + Create the calendar functional for scheduling.
  + Connect the Frontend to the backend to make the scheduler functional.

Sprint 5: SP5 – Tracking Disbursement

* As a scholarship manager, I want to be able to track disbursements, so that I can monitor and manage disbursement status.
  + Create a controller and router that reads all the schedule table.
  + Connect the frontend to the backend.
  + Fetch the data from schedule table and display it on calendar.
  + Create a controller and router that edit the specific schedule on table.
  + Create a controller and router that delete the specific schedule on table.
  + Create a controller and router that read specific schedule on table.
  + Implement an interface for editing and deleting the disbursement schedule.
  + Implement interface that allows admin to click schedule and view its details.

Sprint 6: SP6 – Expense Dashboard/Monitoring

* As a scholarship manager, I want to be able to monitor scholarship expenses, so that I can effectively manage budgets and spending.
  + Create an interface of the list of active scholars with their total allocated budget they receive.
  + Create a sorting function that sort out the list of scholars by their year, section, branch, level, and batch.
  + Create a searching function that allows them to search specific scholar.
  + Create a function when you click the scholars within the list of active scholar display, it will show the info of the scholar and the breakdown of the disbursement they received.
  + Create edit button for each scholar in list.
  + Create a delete button for each scholar in list.
  + Create data tables for semestral fees and their connections to related tables.
  + Create a controller and router that fetch all the scholar info and their semestral fee info.
  + Create a controller and router that allows to edit specific semestral fee of a certain scholars.
  + Create controller and router that fetch specified info of scholar semestral fee breakdown and total it.
  + Create controller and router that allows to delete specified scholar semestral fee info.

Sprint 7: SP7 – ROI

* As a financial officer, I want to be able to monitor the Return on Investment (ROI) of the scholarship, so that I can evaluate its effectiveness.
  + Create a controller that fetch necessary info for graphs (Total Spending, scholar number, still thinking).
  + Create controller that calculate the R.O.I of the scholarship per batch and year.
  + Create an interface that show the graph of necessary metrics for financial team

Sprint 8: SP8 – Administration Table

* As a scholarship manager, I want to be able to manage the Administration Table, so that I can maintain accurate scholar records.
  + Create Administration table connections and attributes are given in excel file.
  + Create function that will automatically populate this table once scholarship renewal process is done in its own assessment
  + Create a controller that updates the administration table for its disbursement status
  + Create a controller that would fetch all of the data of scholar’s present semester info.
  + Create a UI that will display scholar administration info.
  + UI For budget monitoring is possibly here.