Project Management Software Workflow

High Level Design

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There will be 2 workflows:

1. Client payments/External
2. Software product/Internal

Workflows:

1. Client/External: heavily relying on Advertising/Networking/Business Development
   a. We create a product.
   b. We use it internally successfully for 6 months.
   c. We advertise/market the product and create potential clients for usage to this product.
   d. We convert potential clients to long-term contracts.
   e. We make them pay for the software usage (clocked in time via the business plan).
   f. We collect feedback from the clients.
   g. We develop those features per client or for every client and raise the bar.
   h. So, we start with PMS and convert it into the time-sheet management and ERP solutions for project management.
      ### ~ best-case solution
2. Software/Internal: let's say EIT is one of the clients of its own product. So, we assume using the software as a SAAS platform.
   a. I, EIT, listen about the PMS tool from somewhere and want to try it.
   b. I search for it and reach to the EIT PMS product.
   c. I try it for 15 days let's say.
      1. Happy: want to continue with paid-version => client converted successfully
      2. Unhappy: leave it => no client ~ no revenue
   d. I, choose a paid plan on the organization name and select let's say n-members of my organization for the same.
   e. I, need the functionality to add more members on my own not depending on the developers of software itself. It has to be automated.
   f. I enter into the organization dashboard and add members to my organization and send them an invite. Anyone with an invite can set password and use it but doesn't see anything unless they are added to the **Project Organization**.
   g. I define a few roles based on the general designation. For instance: Project lead, Technical project Manager, Non-technical project Manager, Scrum master….
   h. I begin with a **Project Organization**.

i. My 2 project orgs are independent of each other. No cross-visibility but if a developer is on 2 projects, he/she needs access to both the project-organizations.
j. I add member to project org unit.
k. I create sprints whose frequency I (Project Executive officer) decide. So, it's going be a variable.
l. Code-freezes, feature-releases and tickets to be assigned from 1 to many persons at a single time.
m. Discussion and comments by each member in response to a ticket generated.
n. Tickets get assigned to a developer.
o. Clocked-in-hours for a developer to close the ticket.
p. Tags for tickets: initiated, started, work-in-progress, stuck-red alert, or done be available.
q. Priorities options be available.
r. Notifications to be made…

~ worst-case solution