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Deliverable 1: Software Requirements (Matthew Persona)

1. Persona: Boomer employee that has trouble with technology

Name: BarneyBoomer

Vital Statistics:

- Age: 65
- Job: Senior employee (accountant) at a growing tech company
- Family situation: Married, two children, three grandchildren

Goals:

- To be able to log his working hours without asking for help or searching the internet for answers
- View his schedule, holidays and benefits without being overwhelmed
- To be able to communicate with HR easily if he has any concerns or questions
- To view any financial information he needs to get his work done
- Barney wants to be able to keep up to date with notification of any company audits or changes in financial policies

Motivations:

- Barney is motivated by his want to be efficient with managing and scheduling his tasks
- Barney wants to remain independent and not require assistance when doing his work or using any form of technology
- Barney is nearing the end of his career and therefore is wanting to make the most of his vacation days rather than spending his time working up a corporate ladder
- Barney wants to adapt to the changing technological climate to maintain job security and to remain a well-rounded employee even towards the end of his career

Frustrations:

- Barney has limited technical vocabulary and as a result struggles with understanding what certain programs are asking him

- Barney finds it frustrating when he is forced to ask for assistance when dealing with new programs and technology he doesn't understand
- Barney is afraid of making mistakes that could cost the company, whether that be in a financial sense or loss/leaking of crucial data
- Barney has trouble seeing small images and fonts, and utilizing menus that don't have a clear navigation system

Activities:

- Barney works with the administration and HR teams to calculate wages, company budgets and has to communicate with them often
- Barney analyzes trends and opportunities for the company's financial sector
- Barney often attends meetings with higher level management for assistance when making financial decisions (includes consulting)
- Barney often accesses and edits financial data held in the company's records
- Barney also must document the company's overall expenses (including remote and travelling employees)

Technical usage/Proficiency:

- Barney typically just uses his computer for basic math and spreadsheets, which he's proficient with
- Barney also is capable of using the basic features of word processing applications like Microsoft Word
- Barney has a cell phone purchased for him by his daughter but only uses it for making phone calls and sending text messages, which is a task he is still learning how to do
- Barney prefers face to face communication as he finds it much quicker and easier
- Barney is able to utilize search engines and basic websites on his computer, but isn't able to understand how to access these things on his phone

2. Epic

As BarneyBoomer, I want to have an easy method to check company financial data and expenses, as well as be notified of any company policy changes so that I may complete my day-to-day tasks without wasting time and asking for assistance.

3. User Stories:

- As BarneyBoomer, I want a designated dashboard or section where I can easily view the company's recent financial data and expenses. This could be presented in the form of

charts, graphs, or downloadable reports, ensuring I have the necessary data at my fingertips without searching multiple locations or asking others.

- The user will login to the application
- A user with financial department permissions can see a widget on their dashboard/homescreen that when selected will move them to a finances portal
 - If the user is a regular employee they will also have the widget, but it will direct them to their own personal financial information (pay stubs etc.)
 - The regular employee will have a list of statements, and have the ability to edit their financial information, as well as claim business expenses
 - The page will also display their next pay date, any back pay etc.
- A financial department member will then get the option to view their personal financial information or company-wide financial information/policies
- The financial department screen will allow the user to view the department financial information, pull and submit reports, and check policies
- A home button will return the user to their dashboard
- As BarneyBoomer, I want to receive instant notifications within the employee management application whenever there's a change or update to any company financial policies. This ensures I am always up-to-date and don't inadvertently miss out on crucial policy changes, potentially impacting my accounting tasks.
 - The employee will have an announcements tab separate from the notification system (although they will receive a notification when announcements relevant to the user are sent out)
 - The announcement tab will show a list of announcements made by the administrator with a title, date and preview of the body text
 - The user will be able to filter, sort, and search announcements (located in the top right corner of the screen)
 - As for administrators, they will have access to a “make an announcement” button which will open a popup box that will allow them to create announcements, with the ability to tag employees and departments, organize the post by category, and attach files, in addition to the regular text editing features

4. Acceptance Tests:

- User Story 1:
 - **Independent** – Low coupling with any other feature
 - **Negotiable** – No details regarding implementation
 - **Valuable** – Allows the employee to see critical information
 - **Estimable** – There is enough detail to estimate the size of the story
 - **Small** – This task cannot be broken down further

- **Testable** – Can easily determine if the requirement is met
- User Story 2:
 - **Independent** – Low coupling with any other feature
 - **Negotiable** – No details regarding implementation
 - **Valuable** – The employee is kept informed and the employer can easily communicate with the entire organisation
 - **Estimable** – There is enough detail to estimate the size of the story
 - **Small** – This task cannot be broken down further
 - **Testable** – Can easily determine if the requirement is met