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Arika Rai	Polling System
Ankit Tamrakar	Survey Polling System
Udrit Dhakal	Job Portal

Expense Tracker

Below are detailed requirements and tasks for developing an expense tracker:

(Note : Schema should be well structured and created beforehand)

1. **User Authentication and Authorization:**
   Users should be able to register and log in securely.
   Implement role-based access control to differentiate between regular users and administrators.
2. **Dashboard:**
   Provide a user-friendly dashboard that gives an overview of expenses.
   Display charts and graphs to visualize spending patterns.
3. **Expense Entry:**
   Users should be able to manually enter expenses.
   Include fields for date, category, amount, and optional notes.
   Support for multiple currencies if users deal with different currencies.
4. **Expense Categories:**
   Allow users to categorize expenses (e.g., food, transportation, utilities).
   Users should be able to add, edit, and delete categories.

5. **Budgeting:**

Implement a budgeting feature that allows users to set spending limits for each category.
Send notifications or warnings when users exceed their budget.

6. **Expense Tracking:**
   Provide a history of past expenses with the ability to filter and search.
   Allow users to edit or delete past entries.
7. **Recurring Expenses:**
   Support recurring expenses (e.g., monthly rent, subscription fees).
   Provide reminders for upcoming recurring expenses.
8. **Receipt Upload:**
   Allow users to upload and attach receipts to expense entries.
   Support image recognition to extract data from receipts automatically.
9. **Reporting:**
   Generate customizable reports (monthly, yearly) with charts and graphs.
   Include export options (PDF, CSV) for users to save or share reports.
10. **Mobile Responsiveness:**
    Design the expense tracker to be responsive for mobile devices.
11. **Settings:**
    Include user settings for preferences, currency selection, and notification preferences.
12. **Documentation:**
    Create comprehensive documentation for users and developers. (Project Managers Only)

Tasks:

1. Define the database schema for storing user data, expenses, and related information.
2. Implement user authentication and authorization.
3. Design and develop the user interface for the dashboard and expense entry.
4. Create backend logic for expense management, budgeting, and reporting.
5. Implement recurring expenses and receipt upload features.
6. Ensure data security and implement backup mechanisms.
7. Test the application thoroughly, fixing bugs and issues as they arise.
8. Create documentation for users and developers. (Project Managers)
9. Deploy the application to a secure server. (Dev Ops)

Task Management System

Below are detailed requirements and tasks for developing a comprehensive task management system:

(Note : Schema should be well structured and created beforehand)

User Authentication and Authorization:

- User registration and login functionality.
- Password encryption for security.
- Role-based access control (admin, manager, team member).

Dashboard:

- Personalized dashboard for each user.
- Overview of tasks assigned, upcoming deadlines, and project progress.
- Quick access to create, edit, and view tasks.

Task Creation and Management:

- Ability to create, edit, and delete tasks.
- Assign tasks to specific users or teams.
- Set priority levels and due dates.
- Attach files or links related to the task.

Task Organization:

- Categorization of tasks by project, department, or other relevant criteria.
- Filtering and sorting options for tasks.
- Tags or labels for easy identification.

Task Details:

- Detailed task description.
- Comments and discussion threads related to each task.
- History of task updates and changes.

Deadline and Reminders:

- Automatic reminders for upcoming task deadlines.
- Ability to set custom reminders for tasks.
- Visual indicators for approaching deadlines.

Collaboration Features:

- Shared task lists and projects.
- Mention or notification system for involving specific users in discussions.
- Collaborative editing of task details.

Reporting and Analytics:

- Generate reports on individual and team productivity.
- Track completed tasks, overdue tasks, and overall progress.
- Visual charts and graphs for better data representation.

Integration:

- Integration with other tools like calendars, email, or project management software.
- API for third-party integrations.
- Import and export functionality for tasks and data.

Mobile Responsiveness:

- Mobile-friendly design for on-the-go access.

- Native mobile apps for major platforms.

Admin Panel:

- User management and role assignment.
- System configuration and customization options.
- Analytics and reporting tools for administrators.

Documentation:

- Comprehensive user and administrator documentation.
- FAQs and tutorials for common tasks.

Testing: (Project Managers)

- Thorough testing of all features.
- User acceptance testing (UAT) with actual users.
- Performance testing for scalability.

Deployment:(Devops)

- Smooth deployment process with minimal downtime.

Job Application System

Below are detailed requirements and tasks for developing a comprehensive task management system:

(Note : Schema should be well structured and created beforehand)

User Authentication and Authorization:

- Allow users to register as either job seekers or employers.
- Implement secure authentication mechanisms (e.g., email verification, password hashing).
- Define user roles (applicant, employer, admin) with appropriate access levels.

User Profiles:

- Job Seekers:
    - Create and manage a detailed profile (resume, contact information, skills, work experience, education).
    - Upload and update resumes and cover letters.
- Employers:
    - Create and manage a company profile with relevant details.
    - Post and manage job listings.

Job Listings:

- Allow employers to post job openings with details (title, description, requirements, location, salary).
- Provide a search and filter mechanism for job seekers to find relevant positions.
- Include an option for employers to set an application deadline.

Application Process:

- Allow job seekers to apply to multiple jobs.
- Include an option for job seekers to submit personalized cover letters.
- Send application confirmation emails to both job seekers and employers.

Resume Parsing:

- Implement a system to parse and extract information from uploaded resumes.
- Create a standardized format for resumes to improve parsing accuracy.

Application Tracking System (ATS):

- Implement an ATS to help employers track and manage applications.
- Provide features for shortlisting candidates, setting interview schedules, and making hiring decisions.

Search and Recommendation:

- Implement a search functionality for job seekers to find suitable jobs.
- Use algorithms to recommend jobs to applicants based on their skills and preferences.

Feedback and Reviews:

- Allow employers to provide feedback on applicants.
- Enable job seekers to review and rate the application process and employers.

Reporting and Analytics:

- Generate reports on application statistics, including the number of applicants per job, time to fill a position, etc.
- Provide analytics for employers to evaluate the performance of job listings.

Mobile Responsiveness:

- Ensure the system is accessible and user-friendly on various devices, including smartphones and tablets.

Testing:

- Conduct thorough testing, including unit testing, integration testing, and user acceptance testing.

Documentation: (Project Managers)

- Provide comprehensive documentation for users, administrators, and developers.