Third-party API's:

1. **Front-end Development**: You can use modern front-end frameworks like React, Angular, or Vue.js to create an intuitive user interface for the application.
2. **Back-end Development**: Choose a suitable back-end technology such as Node.js, Python (Django/Flask), or Java (Spring Boot) to handle the business logic and interactions with the third-party APIs.
3. **Database Management**: Use a database system like MySQL, PostgreSQL, or MongoDB to store and manage employee data, travel requests, and other relevant information.
4. **Third-party APIs**: Integrate third-party APIs like Google Maps API for location and distance calculations, travel booking APIs (such as Amadeus or Sabre) for flight and hotel reservations, and perhaps a weather API for real-time weather updates.
5. **User Authentication and Authorization**: Implement secure authentication mechanisms like OAuth 2.0 or JSON Web Tokens (JWT) to ensure secure access to the application.
6. **Workflow Management**: Develop a workflow system that enables employees to submit travel requests, managers to approve or reject them, and the HR department to oversee the overall process.
7. **Notifications and Alerts**: Implement a notification system that keeps employees informed about the status of their travel requests and alerts them about any changes or updates.
8. **Testing and Deployment**: Conduct thorough testing to ensure the application functions smoothly and deploy it to a reliable hosting platform like AWS, Azure, or Google Cloud