

Travel Expense Application

Notes:

Front end validation will be needed, so the feedback going back to the person inputting the data can be much faster. This is because the program does not need to access the database, which would cost you time and more computational power. On the other hand, back end validation, while perhaps be slower, may yield more accurate results as it has an entire database at its disposal rather than just several lines of code doing some checks in the program itself. The success of the Travel Expense System application depends on communication between users, development, and testing. Some time-consuming requirements and misinterpretation of requirements are two major factors causing defects in the application. The complexity of the Travel Expense Application can be difficult for the team because of the lack of experience in Vue.JS software development. Scheduling of our Travel expense application is a serious difficulty as well, due to requiring a lot of guesswork. Causing our team to push back the deadline from our project plan created back in January.

Plans:

Here are some of the upcoming plans for the Travel Expense application are (Department chair page): allow the department chair to view all waiting travel application forms, will enable the department chair to sign off on a specific travel request form, will allow the department chair to sign off on multiple travel request form, allow the department chair to print out certain travel request forms. The dean will have similar options as the department chair which will be: will enable the dean to view all waiting travel application forms, will enable the dean to sign off on a specific travel request form, will enable the dean to sign off on multiple travel request form, will enable the dean to print out certain travel request forms. The Travel expense application also needs a login page for different users to log in; this will also require information to be sent back to the database. One of the tasks from the project plan was to give the user the option to save it as a pdf; the priority of this task is 50%. Another idea is for an email to be sent to the professor's department chair, saying that they have a new travel request. Department chair can view it and sign off on it, saving it back to the SQL database. The Department chair also has the option to save as a pdf. Once the department chair has signed off on it, and it is saved to the SQL database, an email is sent to the dean, saying that a new signed-off travel request is available.