

Practical Task:

Overview: The mobile application will make managing patent renewals faster and more cost effective for patent holders, and legal firms who act on behalf of patent holders. Currently, when a patent registered is due for renewal, the following occurs:

- The legal firm originally used to register the patent notes that it's due for renewal
- The legal firm contacts the patent holder to confirm that they'd like to renew the patent
- Having confirmed that the patent is to be renewed, the legal firm fills out the necessary paperwork / forms to renew the patent.

In this scenario, the patent holder pays a renewal fee, and for the time taken by the legal firm to perform renewal activities. The legal firm spends a lot of time chasing patent holders and doing paperwork that could more profitably be spent on other activities. Additionally, the patent renewal carries high risk for the firm and patent holder if the patent is renewed incorrectly, and lapses.

Using this application, patent renewal would proceed as follows:

- The patent holder receives a notification on their smart phone that a patent needs to be renewed.
- They open that patent in this application.
- They swipe right, or click a renew button if they wish to renew the patent.
- They swipe left, or click a trash button if they do not wish to renew the patent.

Patent renewals are performed automatically using the patent api by the governing body, the patent holder is charged a renewal + service fee (less than that currently charged) through a credit card registered with the application.

This process reduces time, effort and cost for patent renewal. Organisations that hold thousands of patents would benefit in particular from this application, since they need to perform several renewals a day, and employ specialised legal staff to complete the renewals.

Deliverables

The aim of this project is to write all possible positive and negative test cases for each screen include:

- A splash screen
- A login screen
- A tutorial screen
- Selecting patent applicants
- Providing payment information
- A list of pending patent renewals in both landscape and portrait orientation; pending patents should include those more than 4 weeks away, between 2 and 4 weeks away, and less than 2 weeks away
- Renewing a patent
- Cancelling a patent renewal
- Deferring a patent renewal