

Intern Requirement

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| No. of students required | 1 |
| Preferred Discipline | <ul style="list-style-type: none">• Computer Engineering• Computer Science |
| Prerequisites/ Skills Required | <ul style="list-style-type: none">• Basic C, C++ programming |

Project Details

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| Title | Smart Desktop Navigator |
| Overview/Background | PC users are accumulating larger volumes of files as hard disk drives (HDD) become more affordable and internet download speeds increase. Finding a file from one's hard disk is challenging, especially when one is unable to recall the details of the file. Although there is the use of File Explorer and folder views (e.g. thumbnails) to assist a user in searching, these methods are very manual and time-consuming. |
| Objectives/Scope/ Deliverables | <p>The aim of this project is to develop a smart desktop navigator to assist a user to rapidly scan through a large set of files and retrieve the required file in the shortest possible time.</p> <p>As the focus of this project is on Text and Image files, the intern will be introduced to suitable Text and Image processing techniques and is also required to develop a proof-of-concept application to demonstrate the navigation capability.</p> |
| Project Duration | 6 months |