Monthly Progress Report - August

**(This has to be approved and signed by the Placement Manager at the end of every month and it should be attached to the Placement Report submitted to the UCSC at the end of Internship.)**

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| **Name :** K.J.S. Fernando  **Reg.No :** 2012/CS/043(12000434) | | **Date :** 02/10/2015 | **Progress Report No.** 1 | |
| **Week** | **Brief Description of Work Carried Out** | | |  |
| 1  (10th to 14th Aug) | -Participated in an introductory meetings on ethics, organizational behavior and structure of the internship program conducted by the Training Manager.  -Set up workspace and machine.  -Was assigned to the Service and Assets division of R&D, and had a meeting about the organizational structure. | | |  |
| 2  (17th to 21st Aug) | -Made a short presentation for a self-introduction and presented in an online Lync meeting.  -Assigned first task; investigation of an error which resulted in a crash that occurred when a third party component (made by Netronic) of IFS Apps was clicked on.  -Read manual and online forums for investigation -Started preparing an error report with descriptions of the progress of the investigation. | | |  |
| 3  (24th to 28th Aug) | -Examined code, read tutorials on Visual Studio and learnt about syntax and coding styles for C# used by IFS.  -Tried out different solutions and documented results in a report.  -Found two solutions, one of which was accepted.  -Finalized and submitted the report of the investigation. | | |  |

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| **Problems Encountered and Solutions Found** |
| Getting used to a new workplace, familiarizing myself with IFS Apps, learning C#, Visual Studio and the code used for the third party component(not open source)  Solutions found after referring to the manual and discussing with supervisors and mentor. |

**Leave Record:**

Approved Not Approved

No of days absent in this month: \_\_\_0\_\_\_\_\_\_\_

**Placement Manager’s Name :**

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**Signature** **Date**

Monthly Progress Report - September

**(This has to be approved and signed by the Placement Manager at the end of every month and it should be attached to the Placement Report submitted to the UCSC at the end of Internship.)**

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| **Name :** K.J.S. Fernando  **Reg.No :** 2012/CS/043(12000434) | | **Date:**  02/10/2015 | **Progress Report No.** 2 | |
| **Week** | **Brief Description of Work Carried Out** | | |  |
| 1  (31st Aug to 4th Sept) | -Assigned a new task; testing the call center component of IFS Apps.  -Read bug reports and corrections and investigated whether the corrections had been applied properly.  -Read online wiki, documentation, workflows etc, investigated workflow and unexpected deviations  -Made a report  -Introduced to Jira and created issues for the new errors found while testing. Changed bugs that had been corrected to a “closed” state. | | |  |
| 2  (7th to 11th Sept) | -Given a new task; term corrections -Read documentation and watched records of training sessions on the component needed.  -Received training on how to correctly commit and fix an issue using SVN with Silver Bullet.  -Corrected and committed code on SVN for bugs assigned on Jira and changed status to “closed”. Tested some issues as well. | | |  |
| 3  (14th to 18th Sept) | -Assigned a new task-to create a video sharing website for IFS users with a structure similar to YouTube. The requirement was to have a website where all corpnet users should have the possibility to create channels, subscriptions, and personal playlists/favorites (can be public or private). Should be able to upload, download, share (specific video, or playlist), search, comment and rate a video.  -Had a meeting with the Business Requirement Owner (BRO) of the given task.  -Went through Aqua documentation to time box the requirement and came up with a time plan.  -Created user stories and tasks with deadlines on Jira according to the expected time plan.  -Feasibility analysis of different combinations of software for the video sharing website | | |  |
| 4 (21st to 25th Sept) | -Continued with feasibility analysis of different combinations of software for the video sharing website.  -Had another meeting with the BRO and decided on using Joomla for development with ffmpeg for conversions(and ffmpeg-php to bridge)  -On leave from 22nd September for a pilgrimage abroad. | | |  |

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| **Problems Encountered and Solutions Found** |
| Getting used to Jira and the Silver Bullet client and learning how to commit properly. Incorrectly committed code in one instance and learnt how to revert changes after discussions with my mentor.  Installation of ffmpeg and php-ffmpeg was difficult because a suitable build for WAMP on PHP 5.5.12 could not be found. Solved after discussions at the meeting with the BRO and reaching a decision not to allow videos in formats that cannot be converted without ffmpeg(such as wmv) and uploading thumbnails manually. |

**Leave Record:**

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No of days absent in this month: \_\_\_\_5\_\_\_\_\_\_

**Placement Manager’s Name :**

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**Signature** **Date**

Monthly Progress Report - October

**(This has to be approved and signed by the Placement Manager at the end of every month and it should be attached to the Placement Report submitted to the UCSC at the end of Internship.)**

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| **Name :** K.J.S. Fernando  **Reg.No :** 2012/CS/043(12000434) | | **Date** | **Progress Report No.** 3 | |
| **Week** | **Brief Description of Work Carried Out** | | |  |
| 1  (28th Sept to 2nd Oct) | -Came back after leave of 5 days(starting on 22nd September) -Went through recordings of missed weekly updates and meetings.  -Started on development of video sharing website.  -Analyzed several templates and chose one suitable template and plugin after approval from the BRO.  -Received extra requirements including login and uploading from shared (network) folders through a UNC path, and analyzed feasibility.  -Created login and initialized the database.  -Went through the current SharePoint installation(where media is stored but has to be downloaded each time since it cannot be viewed on-site.) | | |  |
| 2  (5th to 9th Oct) | -Added functionality to upload videos with different options(YouTube/Vimeo/Dailymotion links, File/folder upload, upload from an external URL(that is not a video viewing site)  -Created categories for videos to match those that are already on the SharePoint installation.  -Connected to Active directory and configured the connection to map user groups and show logged in users for all users of the intranet.  -Merged the two versions of the system on the local machine and remote machine  -Made the system on the remote machine accessible to intranet users by porting localhost to the ip of the shared machine.  -Added small javascript animations and changed the layout of the website. | | |  |
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| **Problems Encountered and Solutions Found** |
| Connecting and mapping the LDAP for users to login without entering credentials separately was difficult. Active directory details were not available through my own login and all data needed for the configuration had to be obtained through maintaining contact with a systems engineer. Mapping was a problem as there were many user groups which had to be tried out. Even after SSO configuration was done exactly as the manual specified, users have to login separately and this deviates from the requirements. |

**Leave Record:**

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No of days absent in this month: \_\_\_\_\_\_\_\_\_\_\_

**Placement Manager’s Name :**

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**Signature** **Date**

Monthly Progress Report - November

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| **Name :** K.J.S. Fernando  **Reg.No :** 2012/CS/043(12000434) | | **Date** | **Progress Report No.** ………. | |
| **Week** | **Brief Description of Work Carried Out** | | |  |
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| **Problems Encountered and Solutions Found** |
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No of days absent in this month: \_\_\_\_\_\_\_\_\_\_\_

**Placement Manager’s Name :**

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**Signature** **Date**

Monthly Progress Report - December

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| **Name :** K.J.S. Fernando  **Reg.No :** 2012/CS/043(12000434) | | **Date** | **Progress Report No.** ………. | |
| **Week** | **Brief Description of Work Carried Out** | | |  |
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| **Problems Encountered and Solutions Found** |
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**Placement Manager’s Name :**

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**Signature** **Date**

Monthly Progress Report - January

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| **Name :** K.J.S. Fernando  **Reg.No :** 2012/CS/043(12000434) | | **Date** | **Progress Report No.** ………. | |
| **Week** | **Brief Description of Work Carried Out** | | |  |
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| **Problems Encountered and Solutions Found** |
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No of days absent in this month: \_\_\_\_\_\_\_\_\_\_\_

**Placement Manager’s Name :**

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**Signature** **Date**

Monthly Progress Report - February

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| **Name :** K.J.S. Fernando  **Reg.No :** 2012/CS/043(12000434) | | **Date** | **Progress Report No.** ………. | |
| **Week** | **Brief Description of Work Carried Out** | | |  |
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| **Problems Encountered and Solutions Found** |
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**Leave Record:**

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No of days absent in this month: \_\_\_\_\_\_\_\_\_\_\_

**Placement Manager’s Name :**

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**Signature** **Date**