



Medical School LIC Scheduler

Glossary

Version 2.2

The Yellow Walkman

Revision History

Date	Version	Description	Author
06/Nov/2018	1.0	Began Glossary	Alexander Parris
03/Mar/2019	1.1	More terms added, some formatting	Katie Ortstadt
24/Apr/2019	2.0	Include Developer's Glossary	Huy Bui
25/Apr/2019	2.1	More terms added	Alexander Parris
27/Apr/2019	2.2	Final revision/grammar fixes	Zach Alaniz

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Glossary

Introduction

This Glossary exists to establish consistent definitions of general terms relative to the LIC project.

Terms

TCU/UNTHSC	Texas Christian University/University of North Texas Health Science Center. These are the partner colleges who are overseeing the creation of the new medical school. Our scheduling program will be used by the TCU/UNTHSC medical school.
Clerkship	A clerkship is when a student works under a doctor with a specific specialty, similar to an internship.
LIC	LIC stands for longitudinal integrated clerkship. The new medical school requires students to complete 8 clerkships.. Traditionally these clerkships are scheduled one after the other, with several weeks allocated to each specialty. The problem with this is that while a student focuses on one clerkship, they may forget skills they learned from previous clerkships. The LIC program solves this by having students take all their clerkships at the same time. So each student will attend all their clerkships on a 2 week recurring schedule. This allows students to be up to date with each specialty.
Admin	A TCU/UNTHSC administrator, who will use the LIC scheduling software.
Student	A TCU/UNTHSC student that will participate in the LIC program.
Doctor	A medical doctor who will participate in the TCU/UNTHSC LIC program.
LCMS+	The student portal software that the TCU/UNTHSC medical school will use. It is provided by a third party. Our schedules will be imported into this software, and students will be able to view their schedules through their LCMS+ portal.
Phase 1 Clerkship	Prior to the LIC each student will have had a clerkship with either a Family Medicine or an Internal Medicine physician. When scheduling for the LIC the student will need to be paired with the same doctor they were paired with in phase 1.
Location	The general vicinity in which a clerkship will take place.

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Developer's Glossary

Introduction

This Glossary exists to establish consistent definitions of technical terms relative to the LIC project.

Terms

IDE	IDE (Integrated Development Environment) is software that aid developers in the writing and testing of code.
IntelliJ	The specific IDE that we used to develop this project.
Use Case	list of actions or event steps typically defining the interactions between a role (known in the Unified Modeling Language (UML) as an actor) and a system to achieve a goal. The actor can be a human or some other external system.
Persona	An archetypical user of a system, an example of the kind of person who would interact with it. The idea is that if you want to design effective software, then it needs to be designed for a specific person.
Agile	An approach to software development under which requirements and solutions evolve through the collaborative effort of self-organizing and cross-functional teams and their customer(s)/end user(s). It advocates adaptive planning, evolutionary development, early delivery, and continual improvement, and it encourages rapid and flexible response to change.
Sprint	A set period of time during which specific work has to be completed and made ready for review.
Persistent Database	A database that will not lose data if the database is stopped or restarted.
H2 Database	A non-persistent database that exists to test a locally running instance of the program.
MySQL	An open-source persistent relational database management system (RDBMS) used in this project
SpringBoot	An application framework and inversion of control container for the Java platform used to develop the back end of this project
Amazon AWS	Amazon Web Service. A subsidiary of Amazon that provides on-demand cloud computing platforms to individuals, companies and governments, on a metered pay-as-you-go basis. In aggregate, these cloud computing web services provide a set of primitive, abstract technical infrastructure and distributed computing building blocks and tools.
Docker	A computer program that performs operating-system-level virtualization. Docker is used to run software packages called containers. Containers are isolated from each other and bundle their own application, tools, libraries and configuration files; they can communicate

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	with each other through well-defined channels. All containers are run by a single operating-system kernel and are thus more lightweight than virtual machines.
Apache Maven	A software project management and comprehension tool. Based on the concept of a project object model (POM), Maven can manage a project's build, reporting and documentation from a central piece of information.
Red Hat	The version of Linux that we are using on our AWS server.
IP Address	An IP address (short for Internet Protocol address) is used to identify computers on the Internet. It works like a return address would on a piece of mail.
SMTP	SMTP (Secure Mail Transfer Protocol) is what our application is using in order to send emails to doctors and students using our programs.
Elastic IP	Elastic IP is what AWS calls their static IP service. This means the server will persist with the same IP even if it is stopped and restarted. This is important because when the IP changes the source code must also be updated.