

# Software Engineering 2017

Group ID: A16

*Mentors.io*

Mentors.io is a platform to bring together those who wish to help & those who need to help in technical domain so that everyone can learn and excel while helping others.

We wish to develop a community or the first place to go to get help or mentorship to achieve excellence in their fields of interest.



Roll Number	Name	Role (PO+DEV/SM+DEV/DEV)
15ucs093	Parth Goyal	DEV
15ucs073	Mehul Sharma	PO
15ucs009	Achint Sharma	DEV/SM
15ucs038	Divyank Srivastava	DEV
15ucs070	Marut Lahoty	DEV

+ order the names as per the order in the team selfie (left to right)

## Section 1

### Project overview

Mentors.io is a platform for developers and learners everywhere to connect and help each other to create a community where people guide each other one step at a time :

- a) Mentors can register themselves as available to help those who want to learn things in the mentor's field of expertise by step by step guiding individuals and charging a nominal fee.
- b) Students can register themselves and select their mentors from a pool of successful individuals in a particular domain by paying a nominal fee.
- c) Mentors set certain tasks and skills that the student must possess or complete in order to become eligible for getting mentorship.
- d) Mentors are rated based on their reviews from previous students, the skills they possess and their significant achievements.
- e) Mentors and Students get into a contract of being available for a fixed number of hours for a certain number of days,.

### System purpose

- To create a platform for the learned individuals who wish to guide and help other to learn things and become better individuals.
- To help those who want to learn or develop skills for a particular field to get a step by step guidance from those who've mastered those skills.

## Work System Snapshot

### Work System Snapshot for Multiplex Ticketing System (version 2)

Customers		Product/Services	
<ul style="list-style-type: none"><li>• Mentor</li><li>• Learner</li><li>• Admin</li></ul>		<ul style="list-style-type: none"><li>• Mentors provide online guidance.</li><li>• Learner pays mentor a certain amount of fee.</li><li>• Reviews of mentors by learner's community</li><li>• Mentor assess their potential students by giving them assignments/projects or conducting quizzes.</li></ul>	
Major Activities and Processes			
<ul style="list-style-type: none"><li>• Mentor who wish to help individuals register on the site.</li><li>• Mentors complete their profile and add their significant achievements in a particular field &amp; choose time and price that they would like to mentor for.</li><li>• Admin checks the validity of claims made by the mentor through respective universities/organisations.</li><li>• Admin approves or disapproves the mentor profile based on the authenticity of the claims made by the mentor, also checks the validity of the price that the mentor is asking for mentorship.</li><li>• Mentor sets an assignment/project or a competition that the student must pass in order to become eligible for the mentorship.</li><li>• Students who wish to seek mentorship register on the platform and add relevant details.</li><li>• Students selects the particular domain in which they wish to seek mentorship and select mentors as per their choice from a large pool of mentors in the particular field.</li><li>• Students complete the test or the assignment for the particular mentor to qualify for mentorship.</li><li>• Student pays the required fee to the mentor, a small of which is taken by the platform to keep the servers running.</li><li>• Student and mentor get into a legal contract for providing a certains number of hours over a specific period of time.</li><li>• Student and mentor successfully complete the mentorship and submit feedback for each other.</li><li>• Mentor's review and feedback is used to update the mentor's rating to help other students to wisely choose their mentors.</li></ul>			
Participants		Information	Technologies
<ul style="list-style-type: none"><li>• Mentors</li><li>• Learners</li><li>• Organisations that certify mentors.</li><li>• Learning Platforms</li><li>• Online challenge sites.</li><li>• Admin</li></ul>	<ul style="list-style-type: none"><li>• Mentor's profile</li><li>• Learner's profile</li><li>• Mentor's price</li><li>• Specific field wise information.</li><li>• Feedback &amp; Ratings</li><li>• Mentor's &amp; Student's authenticity.</li><li>• Payment Details</li><li>• Contract details.</li></ul>	<ul style="list-style-type: none"><li>• Web/Mobile app</li><li>• Payment gateways</li><li>• Databases</li><li>• Authenticity Validator.</li></ul>	

**Use case diagram with nested boundary**