**Project Demo Key Points**

**Team 11**

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1. Communities are deployed in multiple instances
2. Applications has three types of users – Administrators, Event Moderators, Students
3. Every user has a separate profile page.
4. Administrator has the following functionalities:
   1. View Events
   2. Approve events
   3. Dashboard module
   4. Send notification on updates on events
   5. Smart node
5. Event Moderator has the following functionalities:
   1. Create Events
   2. Delete events
   3. Update events
   4. Dashboard module
6. Student has the following functionalities:
   1. View events
   2. Register for events
   3. Private messaging
   4. WebChat between communities
7. Cloud features have been implemented.
   1. Application has been deployed on AWS cloud EC2 instances
   2. The application is scalable as it has been deployed in multiple instances.
   3. Application is multi-tenant as many users will be able to login and register to an event in a single community.
8. Messaging/communication has been established between communities using WebChat – socket.io API, whose server is available on an EC2 instance.
9. Event management is the type of smart community service that has been implemented. Event moderator can host events, students register in them, and administrator takes care of the whole process by providing approvals.
10. Smart node has been implemented using VISJS – a dynamic browser based visual library. The users present are available in the smart node, and every community including the event moderator, and respective student users are shown using smart node.

**DropBox Links:**

Project Demo: <https://www.dropbox.com/s/1hzghtyvn8t967o/CMPE281_Demo.mov?dl=0>

Source Code: <https://www.dropbox.com/sh/vy5o3divjyxfzum/AADssfxmNzrlnMmDIvvKBFDza?dl=0>