CS 440 Coding Project Scenario:
Ozil Project Management Software
Everything you need to work is in one place
Written by Group #11: Nivetha Babu, Alexander Moreno, Nguyen Vu, and Linda Zhou

Every company's employees deserve innovative and hyper-intuitive ways to plan, track, and collaborate with each other. That's where Ozil comes in. Ozil is a groundbreaking package tool to help companies of every kind to accelerate every team to unleash their full potential, remotely, face-to-face, or otherwise. Tools and information in one team can become accessible across the various departments, timezones, and job titles of the company. The information you need is at your fingertips.

As *Figure 1* shows, the Ozil software offers many tools to the user, whether a new user or a seasoned one. These tools can be further used to create stories, create tasks within those stories, then assign those tasks to different team members, update the status of those tasks, log/assign defects to a resource and triage the defect for a particular sprint. There will be a centralised database that will store all such data pertaining to each user for each task in a sprint. A burndown/burnup report would be generated at the end of each sprint.

Scenario and Plans for 1st Release
In our first release, these tasks will be performed using a command line interface. However a GUI will be added on later in further releases. The scenario list for first release includes: 1) user login/register into the system, 2) user creates a user story, 3) user creates tasks within that story, 4) user assigns tasks to different users in the team, 5) updating the progress of each task.

At the command line, users who are beginning their projects will find making the following requests on the terminal:

User login/register:
A new user would register into the system filling up a sign-up form. A returning user can just sign-in using their existing account with the system.

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User creates a user story:

A user creates a scenario of all the technical requirements of the client depicted as functional requirements. This illustrates the developer/tester the actors of the system, the external system and the interactions between them.

User creates tasks within a user story:

Once a user story has been accepted, user can create tasks within that story. Each task may further be subdivided into a number of subtasks to accomplish that task.

User assigns tasks to different users in the team:

Upon creating tasks within an accepted user story, user may identify and assign tasks to different users within the team who can best accomplish those tasks.

Updating the progress of user tasks:

User updates the status of each task from To-Do to In-Progress or Done.
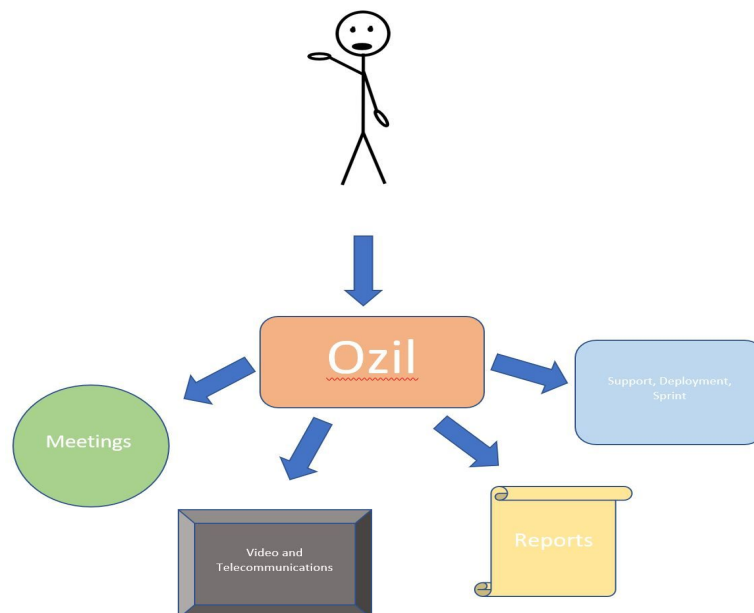

Figure 1. Diagram of the Ozil Software Package Environment