

**SE 216 – SOFTWARE PROJECT MANAGEMENT**  
**SOFTWARE PROCESS MODEL DOCUMENT**

**PROJECT NAME: MOVIE NIGHT**

**GROUP MEMBERS: BUKET AYGÜN – SERRA ÖĞÜTCEN – BAHAR YARDIM**

#	NECESSARY NEEDS FROM THE ORGANIZATIONAL PROCESS
1	Our project should accept the frequent changes.
2	We should make continuous tests to stabilize our project.
3	Our team should know the implementation part in detail.
4	Our code should be understandable and clear.
5	We should have time to meet each week.
6	We should be able to explain our project to customers so we could do efficient design.
7	We need strong communication in the team.
#	UNNECESSARY NEEDS FROM THE ORGANIZATIONAL PROCESS
1	We don't need a lot of documentation because our group is small.
2	We don't need an office to work because we can do it online.
3	We don't need a lot of time because it is a small scale project.
4	We don't need a high capacity budget.
5	We don't need a lot of development tools.

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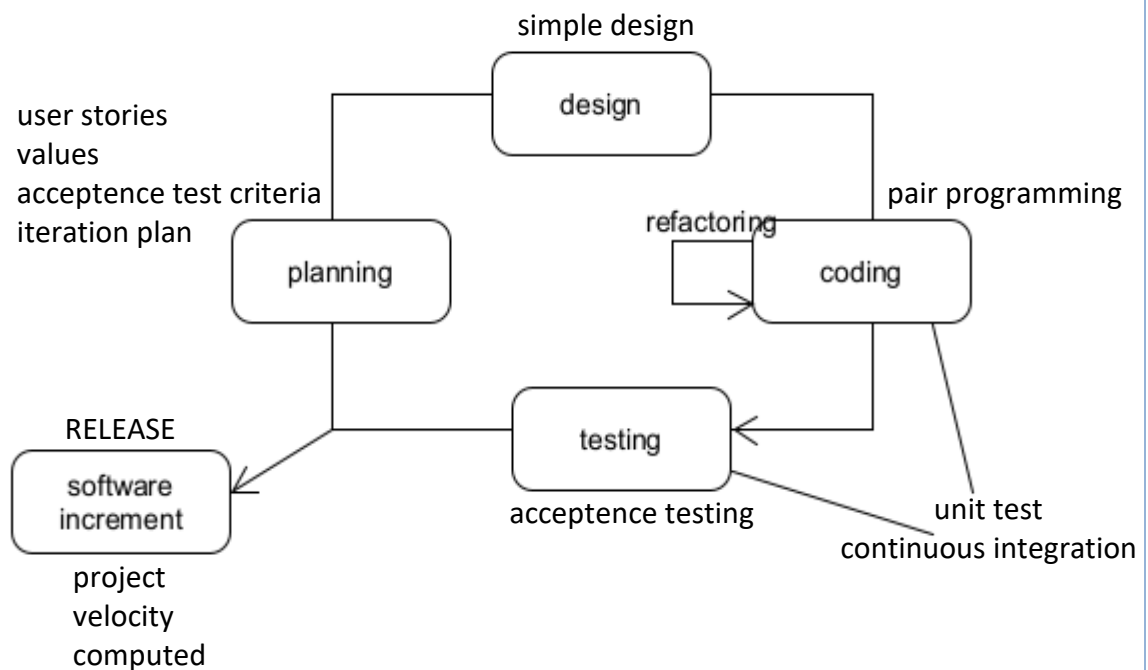
### SOFTWARE PROCESS MODEL DOCUMENT

#### SOFTWARE PROCESS NAME: EXTREME PROGRAMMING

#### SOFTWARE PROCESS DESCRIPTION:

Extreme Programming (XP) is an agile software development framework. The technical aspects of software development are emphasized in XP, which differentiates it from other agile methodologies. Since following engineering practices allow teams to deliver high-quality code at a sustainable pace, extreme programming is precise about how engineers work.

#### SOFTWARE PROCESS MODEL: AGILE MODEL – XP PROGRAMMING



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#### REASONS TO CHOOSE THIS MODEL:

(Pair Programming: Pair programming is an Agile software development technique based on Extreme programming (XP), in which two developers collaborate on a single computer. User stories are designed, coded, and tested collaboratively by the two people.)

As a group of students, we considered our time limits and after that, we decided to divide our work into smaller parts. We planned to meet weekly so that we will not have to rush anytime. Secondly, we want each of us to master the Project. Moreover, we believe that we can teach and learn among ourselves while pair programming. We think that we will feel supported like so. Finally, we are aiming to have working codes at the end of each week which minimizes the delivery risks.