

Prezentare

Prezentarea va avea ca subiect una dintre temele de mai jos. O temă poate fi aleasă de cel mult două echipe.

Prezentarea va fi sub forma de slide-uri si va dura aproximativ 20 - 30 minute. Slide-urile au ca scop evidențierea ideilor principale prezentate și facilitarea înțelegerii acestora. Din acest motiv, acestea nu vor conține text nestructurat și detalii neesențiale. La sfârșitul prezentării se va preciza (ca procentaj) contribuția fiecărui membru al echipei la realizarea acesteia.

Nr.	Titlu	Problematică	Bibliografie recomandată
1	Lean Software Development/ Lean IT	Lean principle, Software practices, Lean Thinking, Lean Development, The Seven Wastes of Lean Manufacturing	Lean Software Development: An Agile Toolkit - M.Poppendieck, T. Poppendieck . http://200.17.137.109:8081/novobsi/Members/teresa/optati-va-fabrica-de-sw-organizacoes-ageis/artigos/Addison%20Wesley%20-%20Lean%20Software%20Development%20-%20An%20Agile%20Toolkit.pdf
2	Pair Programming	Pair Programming	http://collaboration.csc.ncsu.edu/laurie/Papers/XPSardinia.PDF http://www.methodsandtools.com/archive/archive.php?id=10 Laurie Williams and Robert Kessler: Pair Programming Illuminated.
3	Refactoring	Refactoring	Martin Fowler: Refactoring: Improving the Design of Existing Code, Addison-Wesley. https://d1wqtxts1xzle7.cloudfront.net/35991683/refactorin-g-with-cover-page-v2.pdf?Expires=1662793700&Signature=JD21Pw9yRvUdUvSfmWK-hNp5JS~pwqtwdT7t66YNF-b7CP3I~af3hPFLk0ZjwdwaY~07o91f0WMabz15zdNUMG~aY2OoSkXpyfwaIu0VnVVVJNod3-7Sh~7t8UMzV3vN9y~j~oMLj-3cj-BSQAFHh2hv4qXFZCULtjNrRoJ0BWMhoL0CvsuIMMpqAYuvwlDYWJ2NufFhVxCZR8GU2YolhbBl6tx6oo7qZhivo41JJ5Ubr930P27fV9g7M0~PRBa9vgMUR9Ea0XalsFy7p9s7dlrCYxpZhHrnlHeymZ8JrzX89JioiVaSkT4eXfaOPb1PQGZQ1RAyEPB6c7Z66iIcVA_&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA
4	TDD (Test-Driven Development)	TDD	Kent Beck, Test-Driven Development By Example https://books.google.ro/books?hl=en&lr=&id=CULsAQAAQBAJ&oi=fnd&pg=PR7&dq=test+driven+development+by+example&ots=QChW4b4PSW&sig=x86KgSwkhEr4dTfY452SOBEzh20&redir_esc=y#v=onepage&q=test%20driven%20development%20by%20example&f=false http://c2.com/cgi/wiki/TestDrivenDevelopment
5	Crystal	Crystal family of methodologies (Clear, Orange, Orange Web) Process, Roles and responsibilities, Practices	http://en.wikiversity.org/wiki/Crystal_Methods http://www.sis.pitt.edu/~jjoshi/courses/IS2620/Spring09/AgileMethodologies.pdf
6	FDD (Feature-Driven Development)	Process, Roles and responsibilities, Practices Scope of use	http://www.sis.pitt.edu/~jjoshi/courses/IS2620/Spring09/AgileMethodologies.pdf

7	Dynamic Systems Development Method	Process, Roles and responsibilities, Practices	http://www.sis.pitt.edu/~jjoshi/courses/IS2620/Spring09/AgileMethodologies.pdf
8	Adaptive Software Development	Process, Roles and responsibilities, Practices	http://www.sis.pitt.edu/~jjoshi/courses/IS2620/Spring09/AgileMethodologies.pdf
9	Open Source Software Development	Process, Roles and responsibilities, Practices	http://www.sis.pitt.edu/~jjoshi/courses/IS2620/Spring09/AgileMethodologies.pdf https://ir.nctu.edu.tw/bitstream/11536/29626/1/000168991700015.pdf
10	Kanban	Origins, Rules Applications	http://www.infoq.com/minibooks/kanban-scrum-minibook https://d1wqtxts1xzle7.cloudfront.net/48171603/Overview_on_Kanban_Methodology_and_its_Implementation-with-cover-page-v2.pdf?Expires=1662802635&Signature=ReEW2ABb7vnEn8~wn7BN8Xv0YsvXsMJ1vfjlBgirhdjF81953TrlvhOdZqRjTY2Cmq0JR7cTyE9m0HPYlhQvvt3PG8~YrILd8mZeVJ5leh7Nj1ffNP9V5ijN6ErzAjmecjY2whLblyHTwhwMdnVG2v6kZWkHD5Pro4bgtxMROBUDrWVTF9aTuNfRndBJYmSUt87rdop6bq4qNc7rZFwF~kpS0eeSRcHH1jQDJz-X1tfDvIgkQNUzqrLT9LKLr-qTnxuz3VYI2dV1l2YtMeu-SW2dnDM4Tz7i53U81iArEw1Bu9efQTaPUPElbaUYLxb3FEO87f2I-oFx3sxr8Hkw_&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA
11	Extreme Programming (XP)	History, Concept, Values, Practices, Development cycle	http://www.sis.pitt.edu/~jjoshi/courses/IS2620/Spring09/AgileMethodologies.pdf http://xprogramming.com/what-is-extreme-programming/ https://students.cs.byu.edu/~rodham/cs428/extreme-programming.pdf
12	Scrum estimation and planning	Methods, Story points vs ideal hours, Planning poker (Fibonacci series)	https://endjin.com/blog/2019/02/a-beginners-guide-to-agile-estimation-and-planning http://renaissancesoftware.net/files/articles/PlanningPoker-v1.1.pdf https://www.scruminc.com/story-points-why-are-they-better-than/
13	Agile Project Management Tools	List the most used agile management tools (e.g. Ice Scrum, ScrumWorks, etc.) Compare 2 tools (cost, user-friendliness, complexity), discover strong and weak points.	http://www.icescrum.org/ http://www.collab.net/products/scrumworks/ https://www.researchgate.net/publication/337635003_Agile_Project_Management_Tools_A_Brief_Comparative_Review
14	Issue tracking systems	List the most used issue tracking systems (e.g. Jira, etc.) Compare 2 tools (cost, user-friendliness, complexity), discover strong and weak points.	http://www.atlassian.com/licensing/jira#nonprofit http://www.teraits.com/pitagoras/marcio/gcm/p_thesis.pdf