

Milestone Report 1

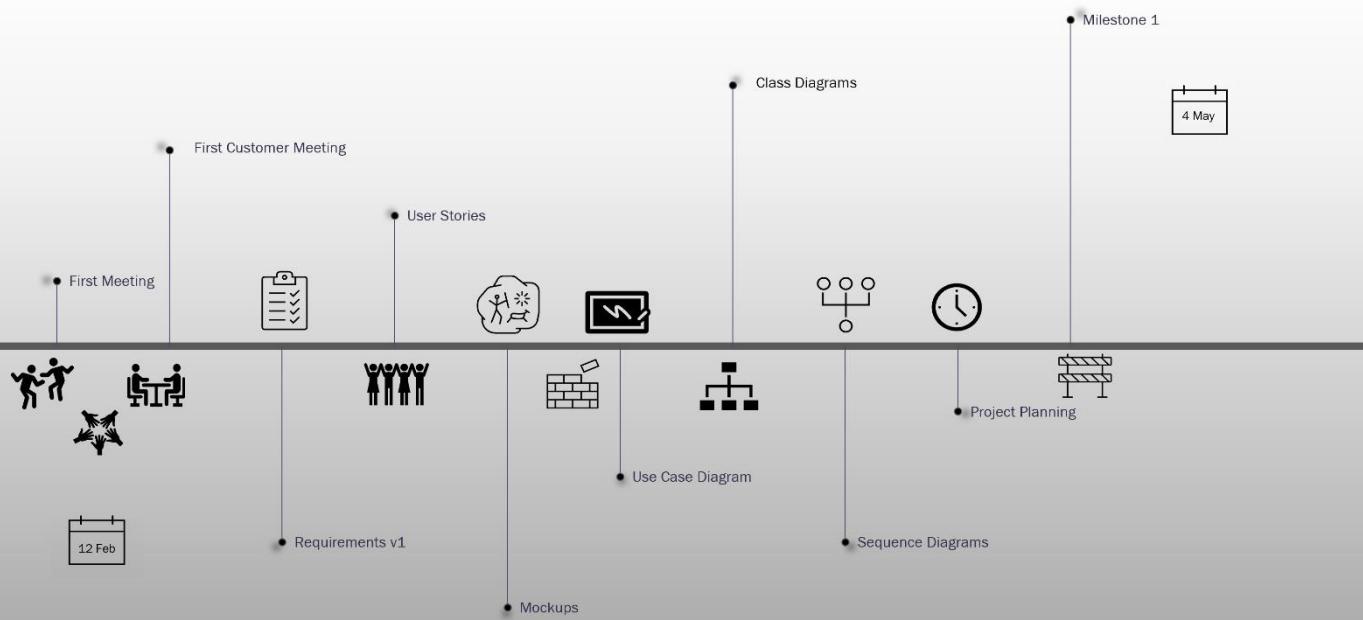
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Platon – The Academic Collaboration Platform

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Group 7



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Executive Summary

Introduction – What is this report?

As a group of ten students taking the course CmpE 352, we are building an academic collaboration platform, and this is the first milestone report of our project. In the rest of this report, you can see our progress so far, what we will improve and what will come next.

You can also check our deliverables.

Description – What is Platon?

In the general frame of work, Platon is an academic collaboration platform that provides an environment for academicians to collaborate. The platform is open for anyone who has an interest in joining an academic research project. It is available on web and Android, and free to use.

After registering and creating a profile, a user can follow other users, and meet new people to collaborate with. If a user has a well defined paper topic or a project proposal in their mind, they can post their ideas and search for collaborators. They can create a workspace and upload files, and edit those files with the other collaborators of that workspace. A user can set the privacy of a workspace they've created and the privacy of their profile. Private workspaces are only visible to the collaborators of that workspace and a private user profile is only accessible to another user if the user accepts the follow request of another user.

Workspaces have three states: Search for Collaborators, Ongoing, and Published states. Users can only send collaboration requests to join the public workspaces that are in the Search for Collaboration state. If a workspace is private, then the only way for the workspace owner to find collaborators is to send other users invitations.

Users can view the Activity Stream on the home page, which includes news from the accounts the user is following. They can use the recommendation system, which recommends users to workspaces and workspaces to users. They can do advanced search using filters, also the system supports semantic search.

Anyone using Platon as a guest can only search for workspaces, users, and upcoming events and see only the descriptions of the search results. To fully use the platform, they will have to register.

Project Status – Where are we?

From the beginning of the semester, we have done several things, but the most importantly we have learnt how to work as a team. Below, there are highlights of our progress.

Communication

In the beginning, it was even difficult to find a time that suits everyone but now, we can easily make time for the team. Making a communication plan was helpful in that manner. We created a

WhatsApp group and a Slack channel to keep in touch. In addition to these, we use the issue system in GitHub.

Basics

We started the project by personalizing our GitHub repository. We added customized issue labels to the issue system, we searched for repositories so that we can use what we liked in them. We also made some research about using GitHub and version management systems. We created a wiki page in our repository, added our profiles and a picture of our group. We decided on the name our platform: Platon. It is the Greek name of Plato, who is a Greek philosopher. He had a community for people who were eager to do research – just like our platform.

What Part

After handling the basics, we started doing the “what” part of the project by writing the requirements of the platform. To do that, we set up a meeting with the customer and asked him some questions about what he expects. After reviewing and updating the requirements as needed several times, we created user stories and mock-ups to show possible scenarios.

How Part

Having decided what we will do, the next thing was deciding how we were going to do that. We created class and use case diagrams. After those designs, we were ready to build the sequence diagrams.

Planning Ahead

We summarized what we did from the beginning of the semester and what we are going to do until the end of the course Cmpe 451. We made RAM and Gantt charts.

Future Plans – Where will we be?

After this time, we will start the implementation of the platform. We still need some planning and learning to do: we need to decide who will work on each of the frontend, backend and the Android parts. We need to decide on the programming languages we will use. To decide on that, and also for the implementation part, we will do some digging about API's, creating test cases, and how to implement our designs.

List and Status of Deliverables

All deliverables listed below are complete. Completion date implies the date of the last change made on them.

DELIVERABLE	COMPLETION DATE
Communication plan	27 February 2020
Requirements	23 March 2020
Scenarios and Mockups	16 March 2020
Class Diagram	2 April 2020
Use Case Diagram	23 March 2020
Sequence Diagram	2 April 2020
Project plan & RAM	26 April 2020

Evaluation of Deliverables

Communication plan

Before the COVID-19 outbreak, we used to meet once a week on Thursdays, face to face. After the classes have become online, we had to change the date and the venue – obviously. We still meet once a week for sure, and if needed, we plan another meeting. We use Zoom in general.

Everyone attends the meetings unless they have a valid excuse not to attend.

Requirements

Requirements might be the part we have updated the most. At first, we used the notes from the customer meeting and the project description to write the requirements. We were divided into three subgroups and each group took a different part of the project description to highlight the requirements. Then after the first next class, we divided ourselves into two groups again to review the requirements. Every feedback helped us find a mistake in the requirements and correct them necessarily. We believe this version of the requirements is clear enough to specify the needs of our platform.

Scenarios and Mockups

We were divided into three groups to create three scenarios and three mockups. We supposed our scenarios and mockups were acceptable until the time that we were asked to present our scenarios, and received feedback in class directly from the instructors. Apparently, the first version of the scenarios were too long and had too many sub-scenarios in them. Later, we modified them according to the feedback we received. We think we initially could have done better if we had decided on all the details in the first meeting, because we had to meet again to decide on those.

UML Software Designs

While designing the diagrams, we had to go back to our hometowns because of the COVID-19 outbreak, yet we managed to design the diagrams. We divided into two subgroups, for creating the use case and the class diagrams. Creating the class diagram took a lot of effort and time more than we expected. For creating the sequence diagrams, we had another meeting, people who created the use

case diagrams summarized what they did, so did the class diagram makers. In fact, we designed the first sequence diagram together, which helped us all a lot. We took a feedback in class about the diagrams again and modified them according to it. We think we have stronger diagrams than the first versions.

Project plan & RAM

To create the project plan document, we were divided into three subgroups, some wrote what we have done so far, some wrote our plan for the rest of Cmpe 352 and the remaining ones wrote our plan for Cmpe 451. Later we merged each part and created the Gantt chart. The only difficulty we had was to do calculations with dates on Excel, if we had used Project Libre right from the beginning it would have been much easier.

Evaluation of Tools and Processes

GitHub

Issue system of GitHub is very useful in the way that it allows its users to see the progress of an issue (when the issue was created, discussions related to that issue, when the issue is closed etc.) that we can add our custom issue labels according to our own needs, and that one can filter issues and find the type of issues they are looking for easily.

The wiki pages can be easily updated, and each revision of a wiki page and who made that revision is tracked and different versions of a wiki page can be compared.

In short, GitHub made things more convenient for us.

Lucidchart

The tool has a big library for general purpose chart elements (arrows, boxes, circles etc.). Objects can be easily moved, colored and connected. This feature helped us create our UML diagrams more conveniently.

MockFlow WireframePro

MockFlow WireframePro is the tool we used to create our mockups. The wide variety of elements in the tool enabled us to create a more realistic mockup. The tool was easy to use, and the mockups were easily editable when needed.

ProjectLibre

We used ProjectLibre for creating our project plan and Gantt chart. As the tool is specifically designed for creating project plans and Gantt charts, after preparing the project plan in tabular format, it quickly created a Gantt chart from the plan. Therefore, thankfully, we did not need another tool to create the Gantt chart - which could have been pretty complex to make otherwise.

Summary of Work Done Individually

TEAM MEMBER	CONTRIBUTION
Burak Ömür	<p>Research about Git as a version control system Research about GitHub repositories Research about Markdown</p> <p>Creating the wiki page of the team Preparing own personal wiki page Studying the project description and determining the requirements Reviewing the requirements before first version Adding/modifying system requirements Preparing logo and name</p> <p>Creating the scenario #2 and its corresponding mockups Preparing use case diagram Preparing a sequence diagram</p> <p>Writing the part of project plan related to what we will do next semester in CmpE 451</p>
Meltem Arslan	<p>Research about Git as a version control system Research about GitHub repositories Research about Markdown</p> <p>Preparing favorite GitHub repositories page Preparing own personal wiki page Studying the project description and determining the requirements Reviewing the requirements before first version Adding/modifying system requirements Preparing logo and name</p> <p>Creating the scenario #3 and its corresponding mockups Preparing use case diagram Preparing a sequence diagram</p> <p>Writing the part of project plan related to what we will do next semester in CmpE 451</p>
Halil Umut Özdemir	<p>Research about Git as a version control system Research about GitHub repositories Research about Markdown</p> <p>Research about GDPR and KVKK Preparing own personal wiki page Studying the project description and determining the requirements Reviewing the requirements before first version</p>

	<p>Adding/altering system requirements and non-functional requirements</p> <p>Creating questions for customer meeting and organizing all of the questions for the meeting</p> <p>Attending customer meeting</p> <p>Creating the scenario #1 and its corresponding mockups</p> <p>Reviewing scenario #1 and its corresponding mockups after the feedback</p> <p>Preparing the class diagram</p> <p>Reviewing the class diagram after feedback</p> <p>Preparing three sequence diagrams</p> <p>Reviewing some sequence diagrams after feedback</p> <p>Writing the part of project plan related to what we will do next semester in CmpE 451</p>
Hasan Ramazan Yurt	<p>Research about Git as a version control system</p> <p>Research about GitHub repositories</p> <p>Research about Markdown</p> <p>Creating the readme.md for the repository</p> <p>Preparing own personal wiki page</p> <p>Studying the project description and determining the requirements</p> <p>Adding/modifying system requirements</p> <p>Preparing logo and name</p> <p>Creating the scenario #1 and its corresponding mockups</p> <p>Preparing class diagram</p> <p>Preparing a sequence diagram</p> <p>Writing the part of project plan related to what we will do next semester in CmpE 451</p>
Öykü Yılmaz	<p>Research about Git as a version control system</p> <p>Research about GitHub repositories</p> <p>Research about Markdown</p> <p>Research about GDPR and KVKK</p> <p>Summarizing research about Git as a version control system</p> <p>Preparing own personal wiki page</p> <p>Studying the project description and determining the requirements</p> <p>Adding/changing system requirements</p> <p>Creating questions for customer meeting and organizing all of the questions for the meeting</p> <p>Attending customer meeting</p> <p>Creating and reviewing the scenario #1 and its corresponding mockups</p> <p>Preparing the class diagram</p> <p>Reviewing the class diagram after feedback</p>

	<p>Preparing one sequence diagram - comment-rate</p> <p>Writing the part of project plan related to what we will do next semester in CmpE 451</p> <p>Writing the milestone report</p>
Ahmet Dadak	<p>Research about Git as a version control system</p> <p>Research about GitHub repositories</p> <p>Research about Markdown</p> <p>Preparing communication plan</p> <p>Preparing own personal wiki page</p> <p>Studying the project description and determining the requirements</p> <p>Reviewing the requirements before first version</p> <p>Adding/altering user requirements and non-functional requirements</p> <p>Preparing logo and name</p> <p>Creating the scenario #3 and its corresponding mockups</p> <p>Preparing use case diagram</p> <p>Preparing a sequence diagram</p> <p>Writing the part of project plan related to what we have done so far</p>
Kerem Uslular	<p>Research about Git as a version control system</p> <p>Research about GitHub repositories</p> <p>Research about Markdown</p> <p>Preparing own personal wiki page</p> <p>Studying the project description and determining the requirements</p> <p>Adding/modifying system requirements</p> <p>Reviewing the requirements before first version</p> <p>Preparing logo and name</p> <p>Creating the scenario #2 and its corresponding mockups</p> <p>Preparing class diagram</p> <p>Preparing two sequence diagrams</p> <p>Writing the part of project plan related to what we will do next semester in CmpE 451</p>
Mehmet Temizel	<p>Research about Git as a version control system</p> <p>Research about GitHub repositories</p> <p>Research about Markdown</p> <p>Preparing own personal wiki page</p> <p>Reorganizing the README file and uploading person's photos and group photo</p> <p>Studying the project description and determining the requirements</p> <p>Adding/altering user requirements and non-functional requirements</p> <p>Preparing logo and name</p>

	<p>Creating the scenario #3 and its corresponding mockups</p> <p>Preparing class diagram</p> <p>Preparing a sequence diagram</p> <p>Writing the part of project plan related to what we will do next semester in CmpE 451</p>
Alperen Divriklioglu	<p>Research about Git as a version control system</p> <p>Research about GitHub repositories</p> <p>Research about Markdown</p> <p>Preparing own personal wiki page</p> <p>Studying the project description and determining the requirements</p> <p>Adding/altering user requirements and non-functional requirements</p> <p>Preparing logo and name</p> <p>Creating the scenario #2 and its corresponding mockups</p> <p>Preparing use case diagram</p> <p>Writing the part of project plan related to what we have done so far</p> <p>Writing the milestone report</p>
Ertugrul Bülbül	<p>Research about Git as a version control system</p> <p>Research about GitHub repositories</p> <p>Research about Markdown</p> <p>Creating a Slack workspace for team communication</p> <p>Preparing own personal wiki page</p> <p>Studying the project description and determining the requirements</p> <p>Adding/altering user requirements and non-functional requirements</p> <p>Preparing logo and name</p> <p>Creating the scenario #2 and its corresponding mockups</p> <p>Preparing use case diagram</p> <p>Preparing a sequence diagram</p> <p>Writing the part of project plan related to what we will do next semester in CmpE 451</p>

Deliverables

Communication Plan

Audience	Purpose	Delivery Method	Where	Delivery Frequency	Communicator
All Team Members	Making a general discussion about the project, distributing tasks and evaluating status	Face-to- face, Web Platform	BM B3, Zoom	Wednesday Evenings	Any Team Member
All Team Members	For urgent issues	Phone Call, Slack	Mobile & Web Platform	When necessary	Any Team Member
All Team Members	Giving feedback	Slack, Skype	Web Platform	Anytime	Any Team Member
All Team Members	Tracking issues and tasks	GitHub	Web Platform	Anytime	Any Team Member
Available Team Members and Customer	Discussing the project and asking questions about confusing parts of the project	Face-to- face	Available place decided by customer	When necessary	Communicator

Requirements

Glossary

1. **Account Information:** Name, surname, e-mail and affinities are necessary information. Profile photo, research, ResearchGate, and Google Scholar accounts are optional information.
2. **Activity Stream:** All activities of followed users.(State changes of their workspaces, a update in the users' workspaces)
3. **Admin:** A user who is capable of managing the whole application(Owner of the site).
4. **Collaborator:** Any user working on the same workspace.
5. **Deadline and Milestone Mechanism:** A mechanism to add deadlines for some tasks of the workspace on a timeline. This also helps users to distribute requirements among the collaborators so that they can keep track of the progress.
6. **Editable Files:** Markdown files(.md), any code file(.c,.py,.cpp,.java,.js,.m), txt files,

.tex files, etc.

7. **Filter:** Founder of the Project, Starting Date, Submission Deadline, Research Area/Topic and labels are filters in the advanced search of the platform.

8. **Guest:** An unregistered person who uses the application.

9. **Issue:** Issue is a way to distribute requirements or task of the project/paper. An issue item consists of a description, and the user that creates that issue item. An issue consists of issue items and in addition to those,a title, a creator user(which is the user that creates the first issue item), a deadline and an assignee list.

10. **Invisible:** Any user and guest (excluding the collaborators of the workspace) don't monitor the contents of the workspace.

11. **Label:** Related keywords about the workspace indicating the contents of the workspace. Users can search the related keywords, and find related the posts with regards to these labels. E.g. State of the Project, research field of the project, difficulty.

12. **Ongoing State:** It is the second of the three states of a project. This is the development phase of the project. After finding enough collaborators, the project will go to the second state which is the Ongoing State.

13. **Published State:** It is the last stage of a project. After milestones are completed with the request of owners of the project, the project will go to Published State.

14. **User:** A user who is registered to the system.

15. **Search for Collaborators State:** It is the first of the three states of a project. In this state, the founder of the project waits for requests from other Users and sends invitations to Users.

16. **Semantic Search:** Semantic search is a data searching technique in which a search query aims to not only find keywords but to determine the intent and contextual meaning of the words a person is using for search.

17. **Sorting Criteria:** Date, number of colloborators needed.

18. **Terms of Use:** The legal agreements between a service provider and a person who wants to use that service.

19. **Trending Projects:** Mostly viewed projects in the platform.

20. Upcoming Event: Upcoming Conferences, Journal Special Issues, Submission Deadlines and CFP (call for papers) documents.

21. Visible: Any user inspects the contents of the workspace.

22. Workspace: A storage area for a group of users to develop their project/paper proposal collaboratively.

23. Workspace Information: Long & short description, title, labels, related upcoming events, number of collaborators needed.

24. Workspace Related Materials: Editable files, plots, PDF files.

1. Functional Requirements

1.1 User Requirements

1.1.1 Guests and Registration

- 1.1.1.1 Guests shall be able to register by providing account information which includes name, surname, e-mail, and optionally affinities, profile photo, past research, ResearchGate, and Google Scholar accounts.
- 1.1.1.2 Guests shall be able to register by using their Google accounts.
- 1.1.1.3 Guests shall accept the Terms of Use and Privacy Policy in order to register.
- 1.1.1.4 Guests shall be able to do basic & advanced search with using filters.
- 1.1.1.5 Guests shall be able to see upcoming events and their details, and project descriptions.
- 1.1.1.6 Guests shall be able to see trending projects.

1.1.2 Login

- 1.1.2.1 Users shall be able to login by using their e-mail addresses and passwords.
- 1.1.2.2 Users shall be able to login by using their Google accounts.
- 1.1.2.3 Users shall be able to reset their password if they ever forget it.

1.1.3 User Following & Rating

- 1.1.3.1 Users shall be able to follow public accounts.

- 1.1.3.2 Users shall be able to send requests to follow private accounts.
- 1.1.3.3 Users with private accounts shall be able to accept/reject follow requests.
- 1.1.3.4 Users shall be able to comment & rate users that are collaborated with.
- 1.1.3.5 Users shall be able to report another user in case of an inappropriate behavior or content.

1.1.4 Permissions In Projects

- 1.1.4.1 Users shall be able to create public/private workspace.
- 1.1.4.2 Users shall be able to invite users to the workspace at Search for Collaborators State.
- 1.1.4.3 Users shall be able to send a request for collaboration to the public workspaces at Search for Collaborators State.
- 1.1.4.4 Users shall be able to accept/reject workspace invitations.
- 1.1.4.5 Collaborators of the workspace shall be able to accept/reject join requests to their workspaces.
- 1.1.4.6 Users shall set the workspace information (which is long & short description, title, labels, related upcoming events, number of collaborators) during the workspace creation phase.
- 1.1.4.7 Collaborators of a workspace shall be able to upload the related materials such as editable files, plots, PDF files.
- 1.1.4.8 Collaborators of a workspace shall be able to edit editable files.
- 1.1.4.9 Users shall be able to view the related materials of the public workspaces when the project is in the Published State or the Search for Collaborators State.
- 1.1.4.10 Collaborators shall be able to inspect the related materials of their private workspace.
- 1.1.4.11 Collaborators shall be able to leave the workspace.
- 1.1.4.12 Collaborators shall be able to create, close and reopen issues and assign any collaborator. The definition of the issue can be found under the Glossary part.
- 1.1.4.13 Collaborators shall be able to create milestones and add them to the project timeline to

distribute requirements and tasks, and also to keep track of the progress.

- 1.1.4.14 Collaborators shall be able to change the state of the workspace.
- 1.1.4.15 Collaborators shall be able to link the workspace to an upcoming event in the system.

1.1.5 Profile Management

- 1.1.5.1 Users shall be able to edit their account information which includes name, surname, e-mail, affinities, profile photo, research, ResearchGate and Google Scholar accounts.
- 1.1.5.2 Users shall be able to set their profiles as either public or private.
- 1.1.5.3 Users shall be able to link their Google Scholar & ResearchGate accounts.
- 1.1.5.4 A user shall be able to view public profile pages.
- 1.1.5.5 Users shall be able to view private profiles that they are following.
- 1.1.5.6 Users shall be able to mute all of the notifications.
- 1.1.5.7 Users shall be able to view sections as followers, comments, ratings, photo, name and e-mail in a profile.

1.1.6 Search

- 1.1.6.1 A user and a guest shall be able to search public workspaces, upcoming events, and users using keywords.
- 1.1.6.2 Users and guests shall be able to do an advanced search on only public workspaces, upcoming events, and any profile by specifying filters such as founder of the project, starting date, submission deadline, research area/topic and labels.
- 1.1.6.3 Users and guests shall be able to sort search results according to the sorting criteria as date, and number of collaborators needed.

1.2 System Requirements

1.2.1 System

- 1.2.1.1 System shall provide a site map to navigate the users.
- 1.2.1.2 System shall provide the activities of the users that are followed or in collaboration as a

stream in the home page.

- 1.2.1.3 System shall provide date information about upcoming events.
- 1.2.1.5 System shall provide profile recommendations for new people to follow.
- 1.2.1.6 The home page shall provide workspace recommendations for Users which are at Search for Collaborators State according to the requirements explained in 1.2.4.

1.2.2 Search Engine

- 1.2.2.1 System shall provide a mechanism that users can use to search.
- 1.2.2.2 Search engine shall search content concerning the research area, topic, and scope.
- 1.2.2.3 Search engine shall provide recent search history for the users.
- 1.2.2.4 System shall support searching for semantically related content.
- 1.2.2.5 System should have a tag mechanism to enhance the recommendation, searching and related functionalities.

1.2.3 Recommendation

- 1.2.3.1 The platform shall support a recommendation system.
- 1.2.3.2 The platform shall provide definitive labels according to the user's skills.
- 1.2.3.3 Recommendation system shall recommend appropriate projects for the interests and technical suitability to Users.
- 1.2.3.4 Recommendation system shall recommend appropriate Users for the projects which are at the Search for Collaborators State.

1.2.4 Notification

- 1.2.4.1 The system should send notifications to users when new conferences have been added.
- 1.2.4.2 The system shall send notifications when the user has new followers or follow requests.
- 1.2.4.3 The system shall send notifications when a user gets a new comment or rating.
- 1.2.4.4 The system should send notifications to the user when he/she gets accepted for

collaboration from a project.

- 1.2.4.5 The system should send notifications to the collaborators of the workspace when any application for collaboration request is sent to that workspace.
- 1.2.4.6 The system should send notifications to the collaborators of the workspace when a deadline for any assigned issue is closed.

1.2.5 Project/Issue Management System

- 1.2.5.1 System shall support three different states for the workspaces, namely Search for Collaborators State, Ongoing State and Published State.
- 1.2.5.2 System shall provide a functionality for collaborators to share materials such as PDF files, plots etc. in the workspace.
- 1.2.5.3 System shall prevent users who do not collaborate to access private workspaces

1.2.6 Profile Page

- 1.2.6.1 A profile page shall be public or private.
- 1.2.6.2 Profile Page of any user shall be different from each other at least by e-mail information.
- 1.2.6.3 Profile page shall include the research information which is fetched from Google Scholar or ResearchGate account of the user if these accounts are provided to the system.
- 1.2.6.4 Profile page shall provide the follower information which is the number of followers, the number of followed users and links to profile pages followers and followed users.
- 1.2.6.5 Profile page shall provide account information which includes name, surname, e-mail certainly and affilites, profile photo, research, ResearchGate and Google Scholar accounts if these information is provided to the system.
- 1.2.6.6 A public profile page and all information provided (described in 1.2.6.3, 1.2.6.4, 1.2.6.5) shall be able to be viewed by any user in the system.
- 1.2.6.7 A private profile page and all information provided (described in 1.2.6.3, 1.2.6.4, 1.2.6.5) shall be able to be viewed by only the followers of the owner of the profile page.

2. Non-Functional Requirements

2.1 Performance & Reliability

- 2.1.1 System shall respond in at most 3 seconds.
- 2.1.2 Search shall give result in at most 5 seconds.
- 2.1.3 The system should work 7/24 with no more than 1% downtime.

2.2 Security

- 2.2.1 Passwords shall be encrypted with SHA-256.
- 2.2.2 System shall use HTTPS Protocol.
- 2.2.3 System objects shall be encrypted with MD5.
- 2.2.4 System shall be backed up to AWS at the end of each day.

2.3 Portability

- 2.3.1 Mobile Application shall support Android version 7.1.2 or later.
- 2.3.2 Web Application shall support Chrome version 79.0.3945.130 or later.
- 2.3.3 Web Application shall support Firefox version 73.0.1 or later.
- 2.3.4 Web Application shall support Safari version 13.0.5 or later.
- 2.3.5 Web Application shall support Opera version 66.0.3515.115 or later.
- 2.3.6 Mobile Browsers shall redirect to the mobile application.

2.4 Ethical Issues and Legal Constraints

- 2.4.1 In this application "personal information", "contact information", "copyrighted contents", etc. shall be used according to the rules of [GDPR](#) and [KVKK](#).
- 2.4.2 In this project, ethical constraints shall be complied according to [ACM Code of Ethics and Professional Conduct](<<https://ethics.acm.org/>>) document.
- 2.4.3 New users should accept the "Terms of Use" and "Privacy Policy" of the platform which are

prepared according to relevant regulations.

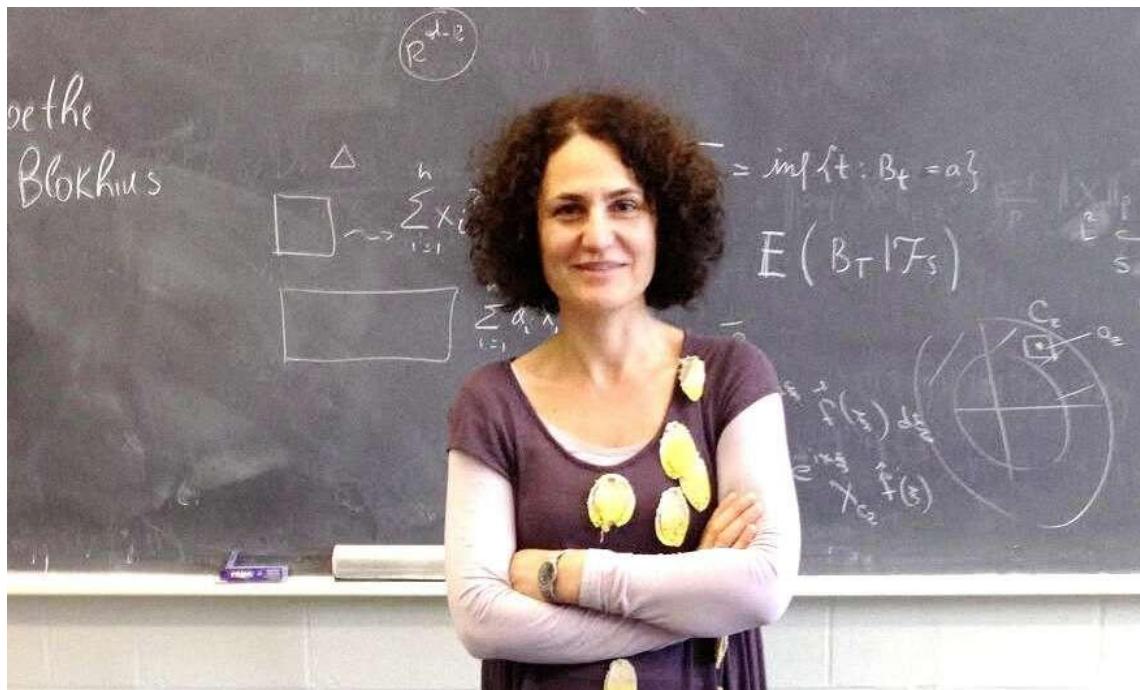
2.5 Implementation

- 2.5.1 The application shall be deployable on a remote and manually configurable remote server.
- 2.5.2 The application should be dockerized.
- 2.5.3 The application shall include necessary API implementations.
- 2.5.4 The color designs of the platform will be made to improve the experience of color-blind people.
- 2.5.5 There shall be a web platform and a native Android application that supports the same functionalities.
- 2.5.6 The implementation of the system should follow [W3C standards](#) and [W3C Activity Streams Protocol](#).

References

- https://en.wikipedia.org/wiki/Privacy_policy
- https://en.wikipedia.org/wiki/Terms_of_service

Mockup-Scenarios
Scenario 1



Persona

- Ayşin Özker
- 50 years old, female Professor
- Her research area is general relativity and mathematical physics.
- She loves to make research so much that sometimes she does not realize how the time flies and forgets to go home.
- Even when she is not working, she likes to stay on campus and hang out with her students.
- She chooses her assistants so meticulously that sometimes it takes months for her to decide on who will work for her.

User Story

Three months ago, there have been a new finding about the black holes and Aysin was selected as the head of the project. She wanted to present her finding in the 2020 The 9th International Conference on Engineering Mathematics and Physics (ICEMP 2020). Last week, all of her assistants went to a conference which was in China. The city they were staying was quarantined and because of that they had to quit the research. Aysin has to continue the research and also keep up immediately. To do that, she decides to open a private project.

After that, she uses the recommendation system to find herself new assistants. She uploads her

past studies. Until the end of the project, all collaborators use the platform to complete the project.

Preconditions

- She registered to the site two years ago to search for a PhD assistant and she found one three months after.
- She linked her Google Scholar and ResearchGate accounts. She has lots of followers in our platform.
- The last project they have been working on for the last three months is now on hold.

Goals

In order to complete the project, she now needs people to help her project. She does not want to find just random people but who can really help her. Also, because of the Corona virus, she wants to work online.

Scenario

1. She first enters the website and sees the initial page.
2. She logs into the platform using her Google account.
3. After the login process, she will enter the home page of the platform.
4. Then she clicks to the Create Workspace button to create a workspace for her project.
5. She fills the required information and creates a private workspace.
6. To find collaborators, she uses the recommendation mechanism.
7. Then she reviews and uploads her last research about her project to the workspace.
8. She sees the commits in the workspace and edits some of them.

Acceptance Criteria

1.1.2.1 Registered users shall be able to login by using their e-mail addresses and passwords, or with their Google accounts.

1.1.4.1 Registered users shall be able to create public/private workspace.

1.1.4.2 Registered users shall be able to invite registered users to the workspace at Search for Collaborators State.

1.1.4.6 Registered users shall set the workspace information while creation of the workspace.

1.1.4.7 Collaborators of a workspace

shall be able to upload the related materials.

1.1.4.8 Collaborators of a workspace shall be able to edit editable files.

1.1.4.12 Collaborators shall be able to create, close and reopen issues and assign any collaborator.

1.2.1.1 The home page shall have a site map to navigate the users.

1.2.1.2 The home page shall have an activity stream for registered users.

1.2.1.3 The home page shall have date information about upcoming events.

1.2.1.4 The home page shall provide a mechanism that users can use to search.

1.2.1.5 The home page shall provide profile recommendations for new people to follow.

1.2.3.4 Recommendation system shall recommend

appropriate Registered Users for the projects which are at the Search for Collaborators State.

1.2.5.4 A workspace shall be able to be linked to an upcoming event in the system, and then the project's deadline shall automatically be set as the deadline of that particular upcoming event.

Mockup 1

Summary of the User Features

Ayşin Özker is a woman professor who studies mathematical physics and general relativity.

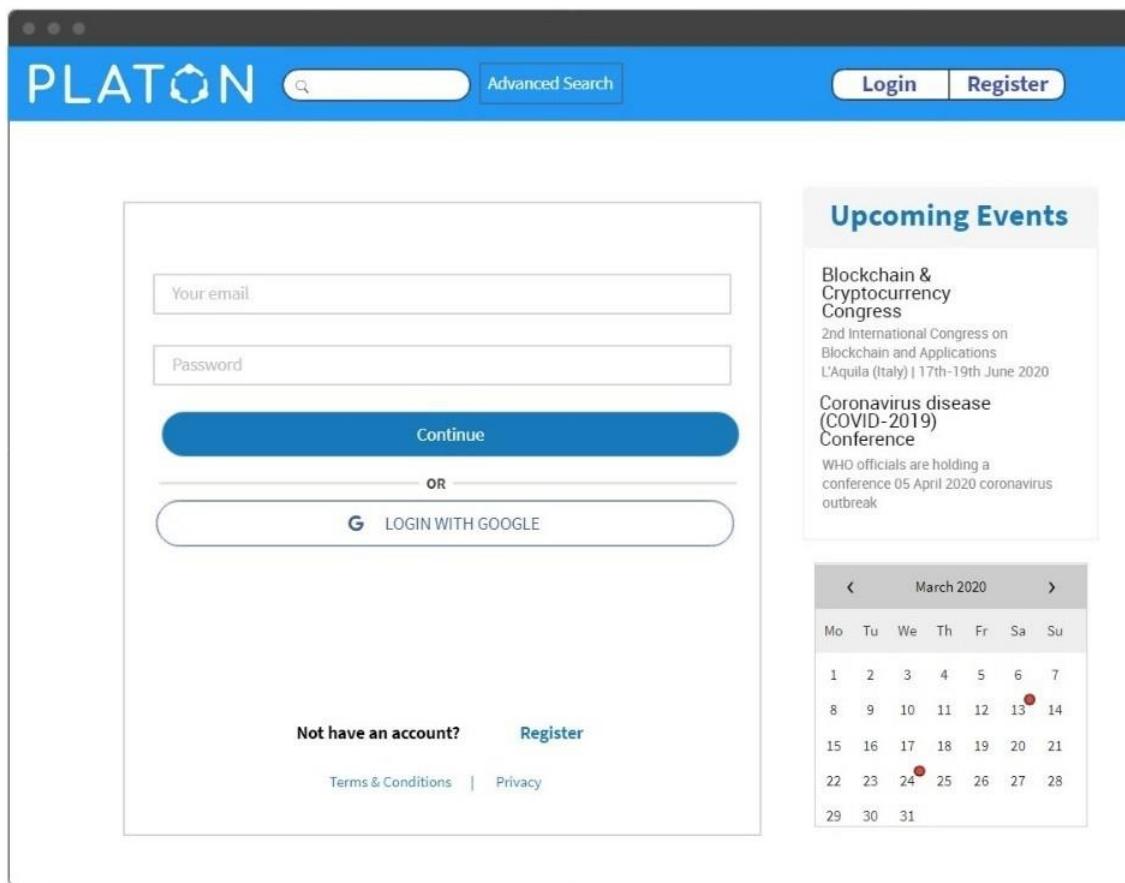
During one of her projects, she loses her collaborators. So, she uses this platform to find collaborators and finish her project.

Mock-Up

- She first enters the website and sees the initial page. She clicks the login button.

The screenshot shows the Platon platform homepage. At the top, there is a blue header bar with the 'PLATON' logo, a search bar, an 'Advanced Search' button, and 'Login' and 'Register' buttons. The main content area has a light gray background. On the left, a large 'Welcome to Platon' banner features a 'Register' button and a link for 'Already have an account?'. Below this is a 'Trending Projects' section with a box for 'Femtosecond X-ray protein nanocrystallography' and a note about Hill Gates as a collaborator. On the right, there is a 'Upcoming Events' section listing two events: 'Blockchain & Cryptocurrency Congress' (March 13) and 'Coronavirus disease (COVID-2019) Conference' (March 24). Below the events is a calendar for March 2020, with March 13 circled in red. The days of the week are labeled Mo through Su.

- She logs into the platform using her Google account.



3. After the login process, she will enter the home page of the platform. She sees the activity stream.
4. Then she clicks to the Create Workspace button to create a workspace for her project.

What is Happening

 **Tinar Paltug joined a new private workspace**
30 mins ago

 **2DECIMATE has been published for EI/SCOPUS-CCISP 2020**
1 hour ago

 **Hasan Kulu and 3 others started following Parry Hotter**
Yesterday

Trending Projects

Femtosecond X-ray protein nanocrystallography
X-ray crystallography provides the vast majority of macromolecular structures, but the success of the method relies on growing crystals of sufficient size. In conventional measurements, the necessary increase in X-ray dose to record data from crystals that are
Collaborator: Hill Gates

Upcoming Events

Blockchain & Cryptocurrency Congress
2nd International Congress on Blockchain and Applications
L'Aquila (Italy) | 13 March 2020

Coronavirus disease (COVID-2019) Conference
WHO officials are holding a conference 24 March 2020
coronavirus outbreak

March 2020						
Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

5. She encounters the create project page.

PLATON

Advanced Search

My Profile

Create Workspace

Workspace Name

Workspace Description

Add Labels

Related Upcoming Event

Number of Collaborators

Make the workspace private

Create

Trending Projects

Femtosecond X-ray protein nanocrystallography

X-ray crystallography provides the vast majority of macromolecular structures, but the success of the method relies on growing crystals of sufficient size. In conventional measurements, the necessary increase in X-ray dose to record data from crystals that are

Collaborator: Hill Gates

Upcoming Events

Blockchain & Cryptocurrency Congress

2nd International Congress on Blockchain and Applications
L'Aquila (Italy) | 13 March 2020

Coronavirus disease (COVID-2019) Conference

WHO officials are holding a conference 24 March 2020 coronavirus outbreak

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

- She fills the required information and creates a private workspace.

The screenshot shows the PLATON web application interface. At the top, there is a blue header bar with the PLATON logo, a search bar, an 'Advanced Search' button, and a 'My Profile' button. Below the header, the main content area has a light gray background.

Create Workspace

A list of workspace categories is displayed in boxes:

- Dyonic Kerr-Newman black holes, complex scalar field and cosmic
- We construct a gedanken experiment, in which a weak wave packet
- mathematical physics, general relativity
- ICEMP 2020
- 3

A radio button labeled "Make the workspace private" is selected. A "Create" button is located below the workspace categories.

Trending Projects

A box titled "Femtosecond X-ray protein nanocrystallography" contains the following text:

X-ray crystallography provides the vast majority of macromolecular structures, but the success of the method relies on growing crystals of sufficient size. In conventional measurements, the necessary increase in X-ray dose to record data from crystals that are

Collaborator: Hill Gates

Upcoming Events

A list of events is shown:

- Blockchain & Cryptocurrency Congress**
2nd International Congress on Blockchain and Applications
L'Aquila (Italy) | 13 March 2020
- Coronavirus disease (COVID-2019) Conference**
WHO officials are holding a conference 24 March 2020
coronavirus outbreak

March 2020

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

7. She sees the project management system. She clicks the invite people button to find new collaborators.

The screenshot shows the PLATON workspace interface. At the top, there is a blue header bar with the PLATON logo, a search bar, an "Advanced Search" button, and a "My Profile" button. Below the header, the main content area is divided into sections:

- Your Workspace**:
 - Files**: A section stating "There are no files yet." with a "Upload Files" button.
 - Collaborators**: A section listing "Ayşin Özker" with a "Invite People" button.
 - Description**: A text box containing:
 - "Search for Collaborators State"
 - "We construct a gedanken experiment, in which a weak wave packet of the complex massive scalar field interacts with a four-parameter (mass, angular momentum, electric and magnetic charges) Kerr-Newman black hole."
 - Tags**: "mathematical physics" and "general relativity" each with a circular icon.
 - Edit**: A button at the bottom of the description box.

Upcoming Events:
 - Blockchain & Cryptocurrency Congress**: "2nd International Congress on Blockchain and Applications L'Aquila (Italy) | 13 March 2020"
 - Coronavirus disease (COVID-2019) Conference**: "WHO officials are holding a conference 24 March 2020 coronavirus outbreak"

Calendar: A monthly calendar for March 2020 showing days from Monday to Sunday. The 24th is highlighted with a red dot.

8. To find collaborators, she uses the recommendation mechanism. She invites Mary Lane and Ellie Rayne.

The screenshot shows the PLATON platform interface. At the top, there is a blue header bar with the PLATON logo, a search bar, an 'Advanced Search' button, and a 'My Profile' button.

Invite People

- Mary Lane**
Professor at Drifindor University, Mother of James Sirius, Albus Severus, Lily Luna
 **Invite**
- Ellie Rayne**
Co-founder of SATLife, interested in wave transmission theory
 **Invite**
- Ronaldo Arnold**
PhD candidate at Cornell University, general relativity
 **Invite**

Upcoming Events

- Blockchain & Cryptocurrency Congress**
2nd International Congress on Blockchain and Applications
L'Aquila (Italy) | 13 March 2020
- Coronavirus disease (COVID-2019) Conference**
WHO officials are holding a conference 24 March 2020
coronavirus outbreak

March 2020

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

- Then she goes back to the project management page, clicks the upload files button and uploads her files.

The screenshot shows the PLATON workspace interface. At the top, there is a blue header bar with the PLATON logo, a search bar, an "Advanced Search" button, and a "My Profile" button. Below the header, the main content area is divided into several sections:

- Your Workspace**: A section for managing files, currently showing a message: "There are no files yet." It includes a "Upload Files" button.
- Collaborators**: A section listing "Ayşin Özker". It includes a "Invite People" button.
- Description**: A text box containing:

We construct a gedanken experiment, in which a weak wave packet of the complex massive scalar field interacts with a four-parameter (mass, angular momentum, electric and magnetic charges) Kerr-Newman black hole.

Search for Collaborators State

mathematical physics general relativity
- Upcoming Events**: A list of events:
 - Blockchain & Cryptocurrency Congress**: 2nd International Congress on Blockchain and Applications L'Aquila (Italy) | 13 March 2020
 - Coronavirus disease (COVID-2019) Conference**: WHO officials are holding a conference 24 March 2020 coronavirus outbreak
- Calendar**: A monthly calendar for March 2020 showing the days of the week (Mo, Tu, We, Th, Fr, Sa, Su) and the dates 1 through 31. The date 24 is highlighted with a red dot.

- After uploading, she sees that Mary Lane has accepted her offer and her name is added to the collaborators part.

The screenshot shows the PLATON platform interface. At the top, there is a blue header bar with the PLATON logo, a search bar, an 'Advanced Search' button, and a 'My Profile' button. Below the header, the main content area is divided into two sections: 'Your Workspace' on the left and 'Upcoming Events' on the right.

Your Workspace

- Files**
 - Cosmic censorship, black holes and integer-spin test fields
 - Dyon black holes do not violate cosmic censorship
 - +83 more
- Upload Files**
- Edit Files**

Collaborators

- Ayşin Özker
- Mary Lane

Invite People

Description

We construct a gedanken experiment, in which a weak wave packet of the complex massive scalar field interacts with a four-parameter (mass, angular momentum, electric and magnetic charges) Kerr-Newman black hole.

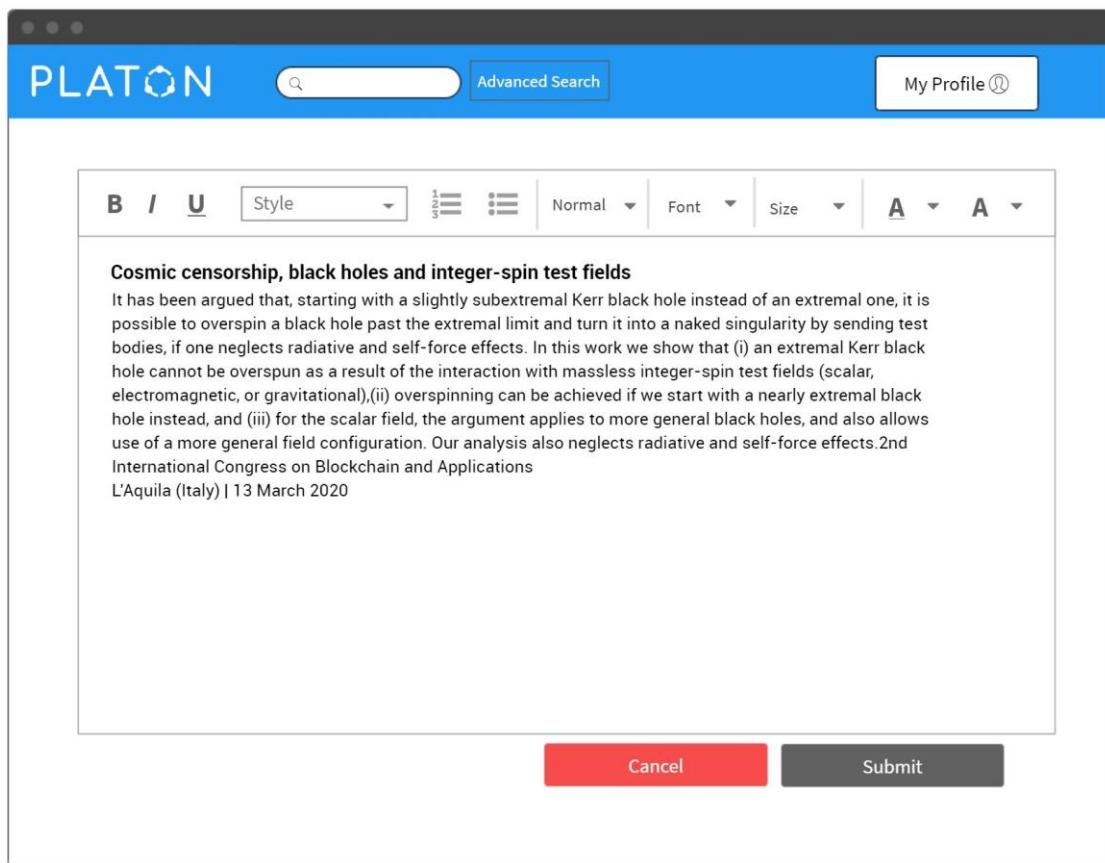
Upcoming Events

- Blockchain & Cryptocurrency Congress**
 - 2nd International Congress on Blockchain and Applications
 - L'Aquila (Italy) | 13 March 2020
- Coronavirus disease (COVID-2019) Conference**
 - WHO officials are holding a conference 24 March 2020
 - coronavirus outbreak

March 2020

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

11. She decides to edit Cosmic Sensorship file. She clicks the Edit File button.



12. She makes some changes to the file and clicks the submit button.

The screenshot shows a web-based application window titled "PLATON". At the top, there is a blue header bar with the "PLATON" logo, a search bar, an "Advanced Search" button, and a "My Profile" button. Below the header is a toolbar with various editing icons: bold (B), italic (I), underline (U), style dropdown, font size dropdown, and font dropdown. The main content area contains a section titled "Cosmic censorship, black holes and integer-spin test fields". The text discusses the possibility of overspinning a black hole past the extremal limit to create a naked singularity using massless integer-spin test fields. It also mentions the 2nd International Congress on Blockchain and Applications, a gedanken experiment involving a Kerr-Newman black hole interacting with a wave packet, and the separation of variables for the Klein-Gordon equation. The text is dated "L'Aquila (Italy) | 13 March 2020". At the bottom of the content area are two buttons: a red "Cancel" button and a grey "Submit" button.

Cosmic censorship, black holes and integer-spin test fields

It has been argued that, starting with a slightly subextremal Kerr black hole instead of an extremal one, it is possible to overspin a black hole past the extremal limit and turn it into a naked singularity by sending test bodies, if one neglects radiative and self-force effects. In this work we show that (i) an extremal Kerr black hole cannot be overspun as a result of the interaction with massless integer-spin test fields (scalar, electromagnetic, or gravitational),(ii) overspinning can be achieved if we start with a nearly extremal black hole instead, and (iii) for the scalar field, the argument applies to more general black holes, and also allows use of a more general field configuration. Our analysis also neglects radiative and self-force effects.2nd International Congress on Blockchain and Applications.We construct a gedanken experiment, in which a weak wave packet of the complex massive scalar field interacts with a four-parameter (mass, angular momentum, electric and magnetic charges) Kerr–Newman black hole. We show that this interaction cannot convert an extreme the black hole into a naked singularity for any black hole parameters and any generic wave packet configuration. The analysis therefore provides support for the weak cosmic censorship conjecture.We carry out the separation of variables for the massive complex Klein-Gordon equation in the gravitational and electromagnetic field of a four-parameter (mass, angular momentum, electric and magnetic charges) black hole.

L'Aquila (Italy) | 13 March 2020

Cancel Submit

13. She goes back to the project management page.

PLATON

Advanced Search

My Profile

Your Workspace

Files

Cosmic censorship, black holes and integer-spin test fields
Dyon black holes do not violate cosmic censorship

+83 more

Upload Files Edit Files

Collaborators

Ayşin Özker
Mary Lane

Invite People

Description

We construct a gedanken experiment, in which a weak wave packet of the complex massive scalar field interacts with a four-parameter (mass, angular momentum, electric and magnetic charges) Kerr-Newman black hole.

Edit

Upcoming Events

Blockchain & Cryptocurrency Congress
2nd International Congress on Blockchain and Applications
L'Aquila (Italy) | 13 March 2020

Coronavirus disease (COVID-2019) Conference
WHO officials are holding a conference 24 March 2020 coronavirus outbreak

< March 2020 >

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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Scenario 2



Persona

- Atakan "Kennedy" Profesöroğlu
- 23 years old, male
- Pursuing a Bachelor's Degree Wants to be president
- Loves to talk about nihilism

Goals

- Looking for that if his dream project has been done before by other people. Creating/contributing his dream project using application.

User Story

- Atakan "Kennedy" Profesöroğlu, who is only 23 years old, is someone who has read books ever since he was born. Atakan, who is very interested in art, science and philosophy, is also good at using programming languages. However, he is very unhappy with his university, thinks that the university is not useful for him because he already knows everything they could teach. He wants to change the education system too. After reading and

finishing almost all books in the libraries, he enjoys spending time on the magnificent academic platform that he finds as a new source of information. After opening the application, Atakan explores projects that may resemble the dream project in his head. He saw a project of the learning scientist Aleyna Tilki and clicked on it to look at the content of the project, and he discovered that his dream project is almost the same. Therefore, he wanted to contribute this project.

Pre-Conditions

- Atakan has an account on system because he also had some "dream projects" before. He uses mobile application of AC platform and he uses Android tablet with Android version 9.

Scenarios

SCENARIO 2.1

1. Atakan opens the Android application.
2. He clicks on the search bar and enters his dream project's keywords and clicks on the search button.
3. He sees that there are some projects that are matched.
4. He tries to inspect the first project but app will not let him see the details of that project because he is not logged in yet.
5. He clicks to login button and using his credentials logins to system.
6. He gets redirected to that project and inspects it.

SCENARIO 2.2

(Continuation of Scenario 2.1, namely the user is already logged in and inspecting the page of a project)

7. Having read the details of the project, he feels excited that there exists a project same as his dream project, he decides to contribute to the project.
8. He sees that workspace is in Search for Collaborators State, so he is able to apply to workspace.
9. He clicks the "Send Collaboration Request" button, and fills the necessary fields to be accepted to project.
10. He leaves the app.

SCENARIO 2.3

(Continuation of Scenario 2.2, namely has sent a collaboration request to a project they are interested in)

11. After some time, he gets a notification from app and realizes that he is accepted to workspace.
12. He is very happy because he will be a part of his "dream project" this time.

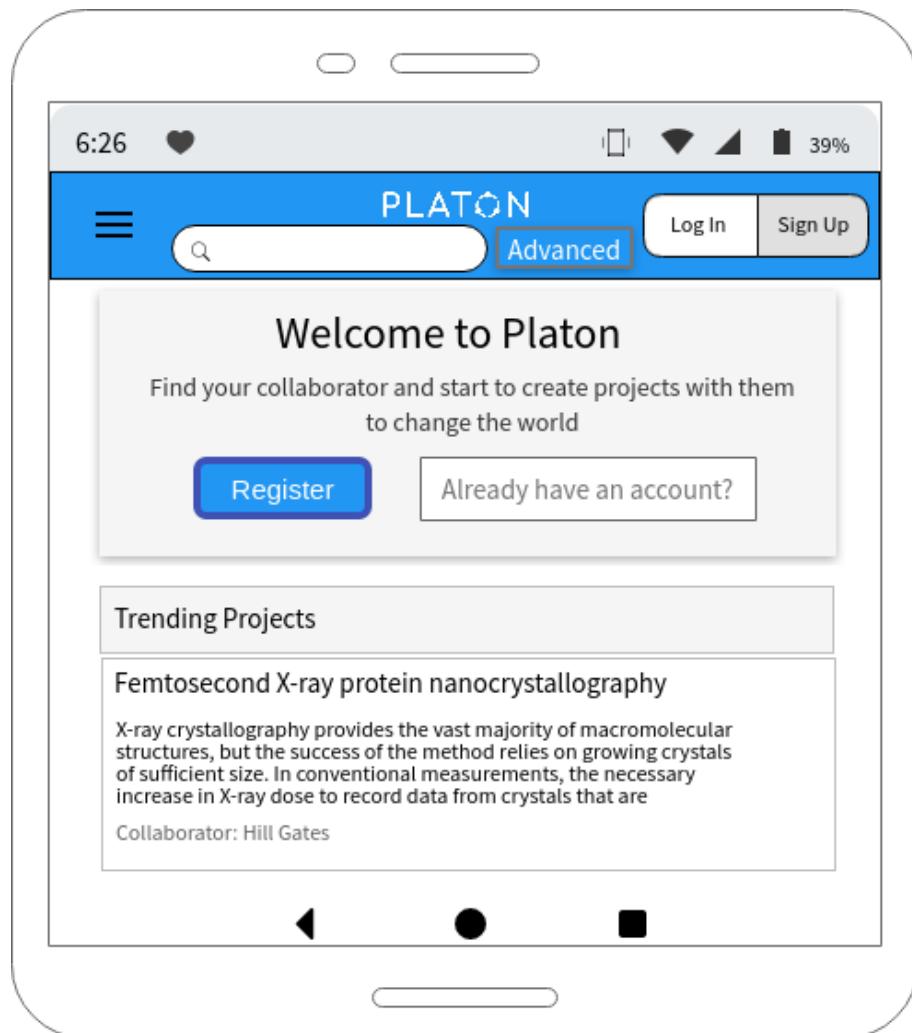
Acceptance Criteria

- (2.3.1) Mobile Application shall support Android version 7.1.2 or later.
- (1.1.1.2) Guests shall be able to do basic & advanced search with using filters.
- (1.1.6.1) A user shall be able to search only public workspaces, upcoming events, and any profile using keywords.
- (1.1.1.3) Guests shall be able to see upcoming events and their details, and project descriptions.
- (1.1.6.3) Users shall be able to sort search results according to the sorting criteria. (1.1.2.1)
Registered users shall be able to login by using their e-mail addresses and passwords, or with their Google accounts.
- (1.1.4.3) Registered users shall be able to apply to the public workspaces at Search for Collaborators State.
- (1.2.4.4) The system should send notifications to the registered user when he/she gets accepted from a project.

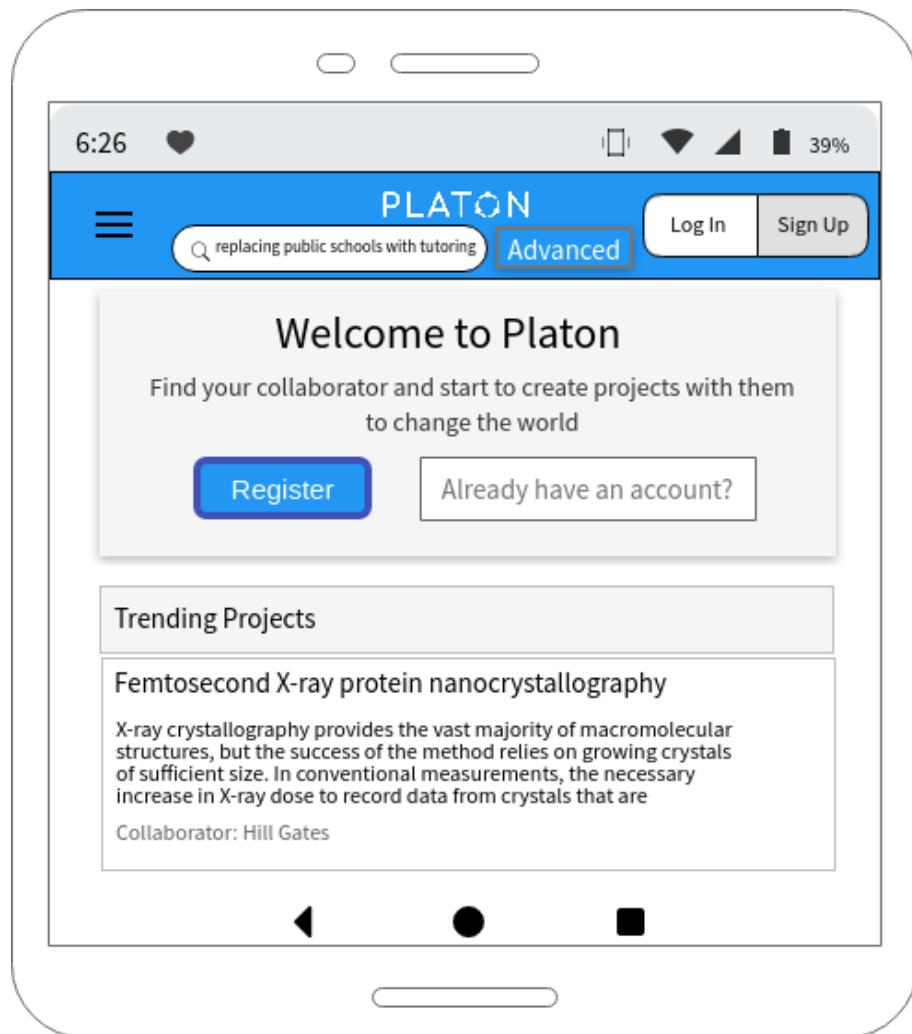
Mockup 2

Mockup 2.1

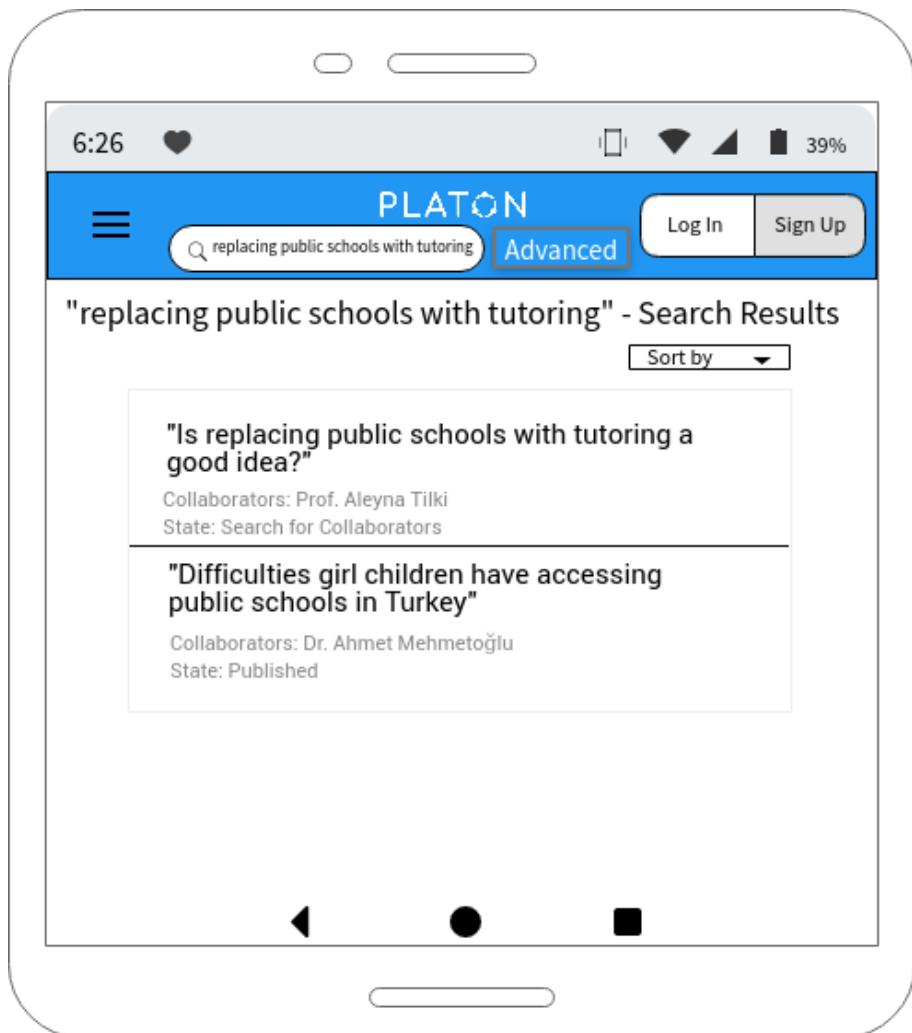
1. Atakan opens the Android application.



- He clicks on the search bar and enters his dream project's keywords and clicks on the search button.



3. He sees that there are some projects that are matched.



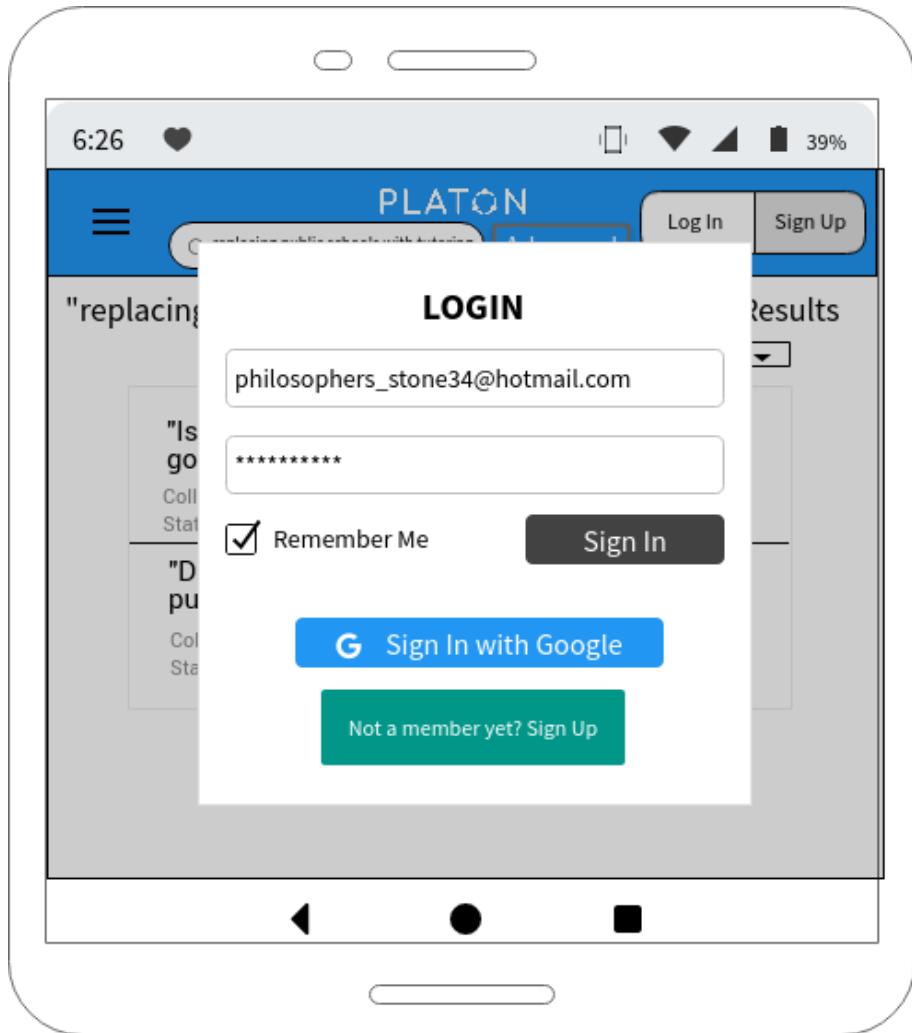
4. He tries to inspect the first project but app will not let him see the details of that project because he is not logged in yet.

5.



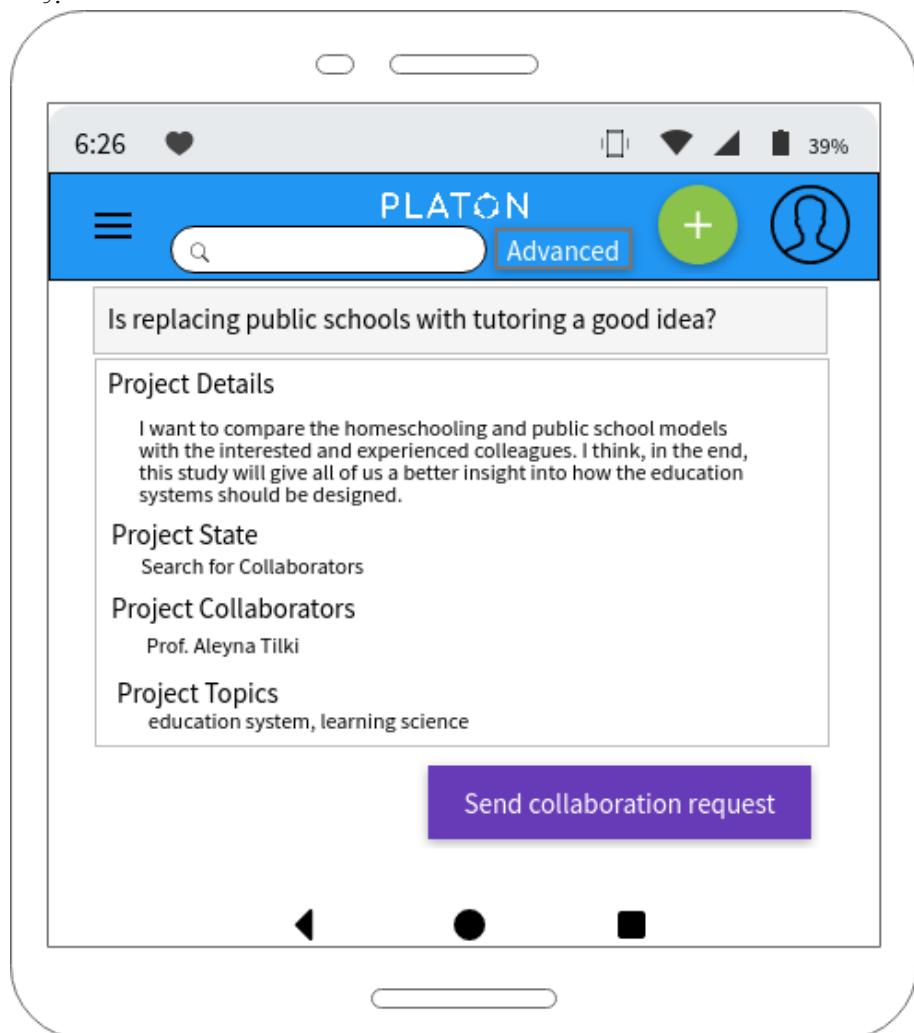
6. He clicks to login button and using his credentials logins to system.

7.



8. He gets redirected to that project and inspects it.

9.



Acceptance Criteria

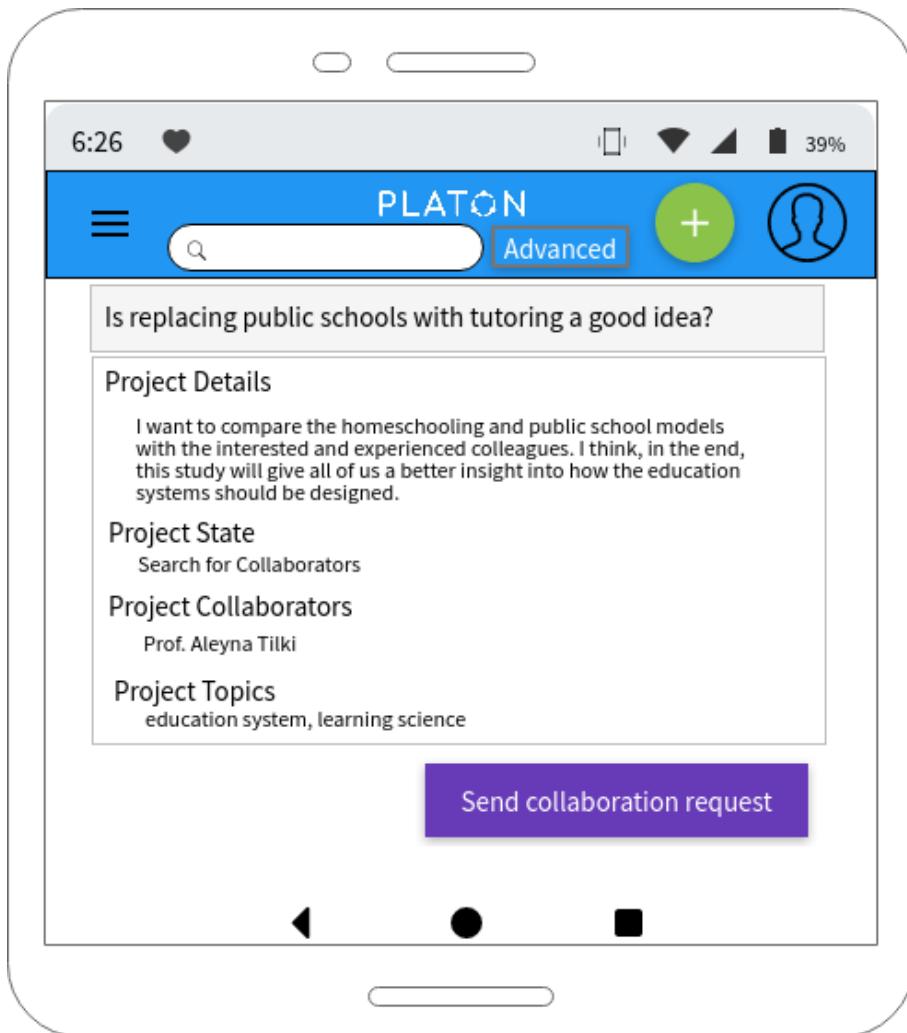
- (2.3.1) Mobile Application shall support Android version 7.1.2 or later.
- (1.1.1.2) Guests shall be able to do basic & advanced search with using filters. (1.1.6.1) Users shall be able to search projects/papers/profiles using keywords.
- (1.1.6.1) A user shall be able to search only public workspaces, upcoming events, and any profile using keywords.
- (1.1.1.3) Guests shall be able to see upcoming events and their details, and project descriptions.
- (1.1.6.3) Users shall be able to sort search results according to the sorting criteria. (1.1.1.1) Guests shall be able to enter the login & registration page.
- (1.1.2.1) Registered users shall be able to login by using their e-mail addresses and passwords, or with their Google accounts.

Mockup 2.2

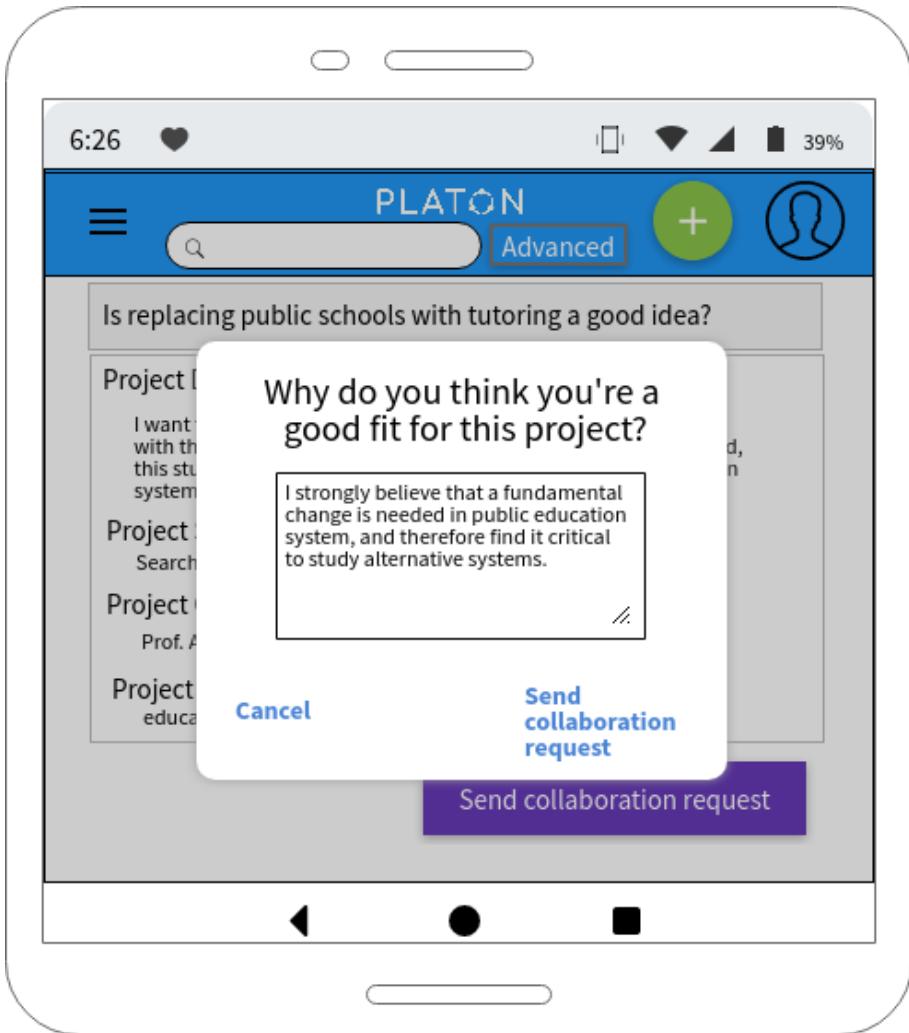
(Continuation of Scenario 2.1, namely the user is already logged in and inspecting the page of a project)

10. Having read the details of the project, he feels excited that there exists a project same as his dream project, he decides to contribute to the project.

11. He sees that workspace is in Search for Collaborators State, so he is able to apply to workspace.



12. He clicks the "Send Collaboration Request" button, and fills the necessary fields to be accepted to project.



13. He leaves the app.

Acceptance Criteria

- (1.1.4.3) Registered users shall be able to apply to the public workspaces at Search for Collaborators State.

Mockup 2.3

(Continuation of Scenario 2.2, namely has sent a collaboration request to a project they are interested in)

14. After some time, he gets a notification from app and realizes that he is accepted to workspace.



15. He is very happy because he will a part of his "dream project" this time.

Acceptance Criteria

- (1.2.4.4) The system should send notifications to the registered user when he/she gets accepted from a project.

Scenario 3



Image 1. Germione Hranger with the antenna she produced

Persona

- Germione Hranger
- 35 years old, female
- Electrical and Electronics Engineering - Bs - Ogwarts University - 2005
- Telecommunication Engineering - Ms with thesis - Ogwarts University - 2019 (Thesis Title: Visualization of radio-wave transmission in the ionosphere)
- Working in "Lingardium Waveiosa" (a Telecom Company) in the satellite communication department as a senior manager

Goals

- Seeks projects about radiowaves and inter-satellite communication
- Seeks people she wants to do her Ph.D. under their supervision

User Story

Germione was a successful student in her undergraduate years. While she was studying, all she wanted

to do was to become an academician. Unfortunately, a month before she started her last year of undergraduate, she went to an internist complaining about severe abdominal pain and vomiting, and unfortunately, she was diagnosed with pancreatic cancer. Immediately, she started treatment. It took 17 months to set on her feet. Therefore, she made a two years break in her study. However, during her treatment phase, her family got a big amount of credit to cover the expenses of her treatment. Therefore, her family was deeply in debt and to be able to pay back the debt Germione decided to find a job immediately rather than going into academic life. After she graduated, she started to work in an antenna production company. After she worked there for three years, she began to work for a company called Lingardium Waveiosa as a satellite communication engineer. She is working there for 8 years and she became a senior manager during these years. However, she feels that she has completed her mission in the industrial area and wants to continue her career in academic life. Since she received her master's degree last year, she feels ready to make her dreams come true.

Scenario

Germione decides to continue her life in academics and she wants to apply for a few universities to start her Ph.D. degree. To decide the universities for which she applies, she makes a google search so that she can find academicians with whom she can work together in her research field. She writes the search bar the following: "how to find academicians in telecommunications". And she is faced with our website top of the search result. She clicks the website. She encounters with guest home page. She reads the project's posts and upcoming events section on her screen. Then, she sees the search and advanced search bars. She clicks the advanced search and writes "telecommunication" into the research area section. Then, she receives the search results. She interests with the first person "Parry Hotter" and clicks the name. The profile page of Parry Hotter is opened, she looks for his university "Drifindor University", she keeps it in her mind to apply later her Ph.D. in that university. To follow him, she decides to open an account, she clicks the register button. The registration page is opened and she provides her information. After she registers, she begins to follow him.

Acceptance Criteria

- 1.1.1.1 Guests shall be able to register.
- 1.1.1.2 Guests shall be able to do basic & advanced search with using filters.
- 1.1.1.3 Guests shall be able to see upcoming events and their details, and project descriptions.
- 1.1.1.4 Guests shall be able to see trending projects.
- 1.1.2.1 Registered users shall be able to login by using their e-mail addresses and passwords, or with their Google accounts.
- 1.1.2.2 Guests shall provide their account information while registering.
- 1.1.2.3 Guests shall accept the Terms of Use and Privacy Policy in order to register.
- 1.1.3.1 Registered users shall be able to follow public accounts without sending requests.
- 1.1.3.4 Registered users shall be able to comment & rate Registered users if they worked together in a workspace.
- 1.1.5.4 A user shall be able to access public profile pages.

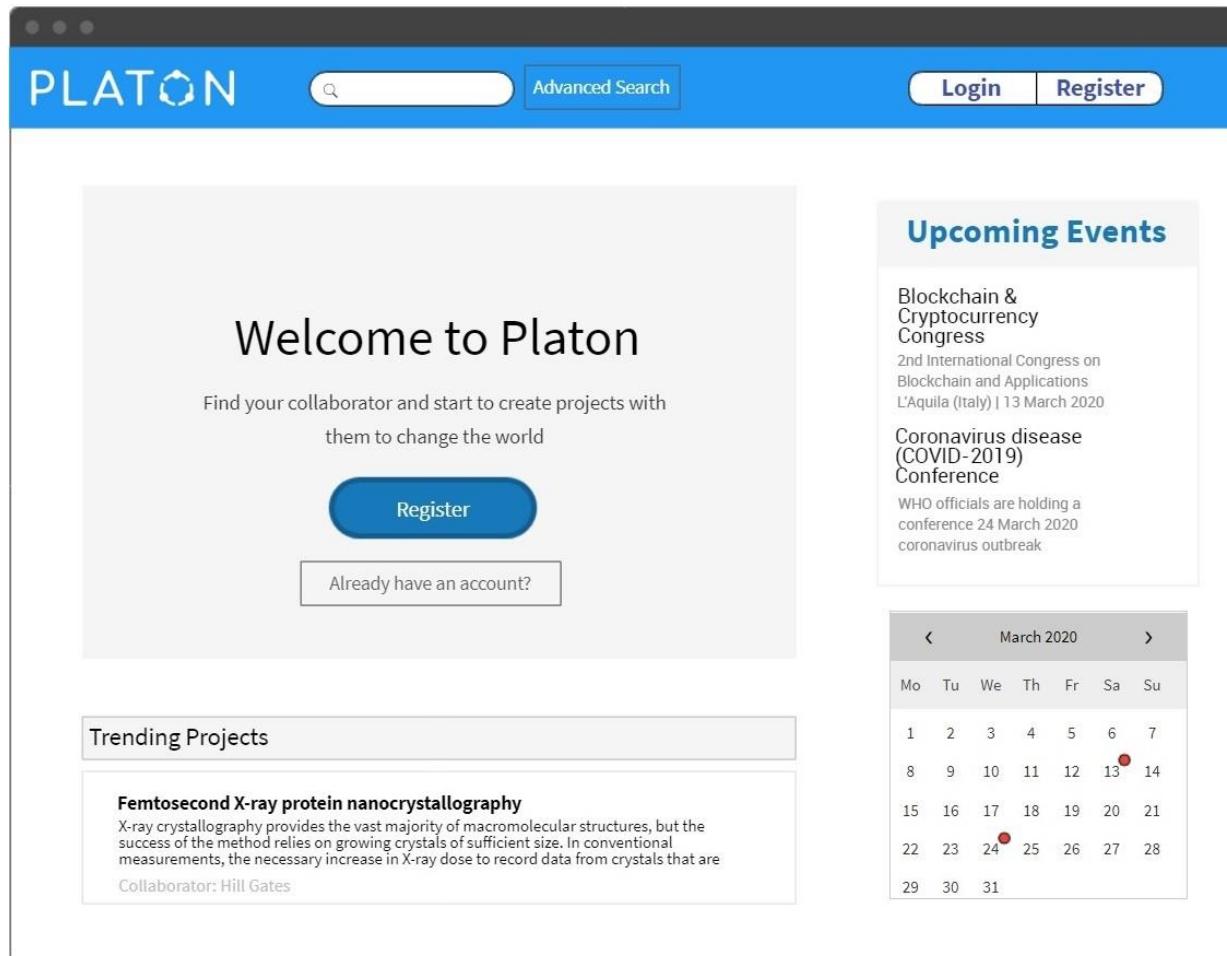
- 1.1.6.1 A user shall be able to search only public workspaces, upcoming events, and any profile using keywords.
- 1.1.6.2 Users shall be able to do an advanced search on only public workspaces, upcoming events, and any profile by specifying filters.
- 1.1.6.3 Users shall be able to sort search results according to the sorting criteria.
- 1.2.1.1 The home page shall have a site map to navigate the users.
- 1.2.1.2 The home page shall have an activity stream for registered users.
- 1.2.1.3 The home page shall have date information about upcoming events.
- 1.2.1.4 The home page shall provide a mechanism that users can use to search.
- 1.2.2.1 Search engine shall search content concerning the research area, topic, and scope.
- 1.2.2.2 Search engine shall provide recent search history for the registered users.
- 1.2.2.3 Search engine shall support semantic search.
- 1.2.2.4 Search engine shall list the finding in the following order if the user has no choice: Exact Matches(Decreasing match rate), Semantic Search Matches(Decreasing match rate)
- 1.2.3.1 The platform shall support a recommendation system.
- 1.2.3.2 The platform shall provide labels according to the registered user's skills.
- 1.2.3.3 Recommendation system shall recommend appropriate projects for the interests and technical suitability to Registered Users.
- 1.2.6.1 The system shall provide a profile page for all registered users.
- 1.2.6.2 The profile page shall provide account information.
- 1.2.6.3 The profile page should be fetched from the users' Google Scholar or ResearchGate account, if Google Scholar or ResearchGate account is provided to the system.
- 1.2.6.4 The profile page shall provide a comments and rating section.
- 1.2.6.5 The profile page shall provide the follower information which is the number of followers, the number of followed users and links to profile pages followers and followed users.

Mockup 3

Mockup-1

This mockup shows how a user makes an advanced search

Germonie visits the page and encounters with guest home page



The screenshot shows the guest home page of the PLATON platform. At the top, there is a blue header bar with the PLATON logo on the left, a search bar with a magnifying glass icon in the center, and 'Advanced Search' and 'Login/Register' buttons on the right. Below the header, the main content area has a light gray background. On the left, a large white rectangular box contains the text "Welcome to Platon" in bold black font, followed by a subtitle: "Find your collaborator and start to create projects with them to change the world". Below this text is a blue rounded rectangle button labeled "Register". To the right of this box is another white rectangular box titled "Upcoming Events" in blue. It lists two events: "Blockchain & Cryptocurrency Congress" (2nd International Congress on Blockchain and Applications, L'Aquila (Italy) | 13 March 2020) and "Coronavirus disease (COVID-2019) Conference" (WHO officials are holding a conference 24 March 2020 coronavirus outbreak). At the bottom left, there is a section titled "Trending Projects" with a sub-section about "Femtosecond X-ray protein nanocrystallography". On the far right, there is a calendar for March 2020 with days numbered 1 through 31. The 13th and 24th are highlighted with red dots.

PLATON

Advanced Search

Login Register

Welcome to Platon

Find your collaborator and start to create projects with them to change the world

Register

Already have an account?

Trending Projects

Femtosecond X-ray protein nanocrystallography

X-ray crystallography provides the vast majority of macromolecular structures, but the success of the method relies on growing crystals of sufficient size. In conventional measurements, the necessary increase in X-ray dose to record data from crystals that are

Collaborator: Hill Gates

Upcoming Events

Blockchain & Cryptocurrency Congress

2nd International Congress on Blockchain and Applications
L'Aquila (Italy) | 13 March 2020

Coronavirus disease (COVID-2019) Conference

WHO officials are holding a conference 24 March 2020 coronavirus outbreak

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

- She clicks the advanced search, selects the person search, and types "Telecommunications" into the "expertise" field.

The screenshot shows the PLATON website interface. At the top, there is a blue header bar with the PLATON logo, a search bar, an 'Advanced Search' button, and 'Login' and 'Register' buttons. Below the header, there are three tabs: 'Person' (selected), 'Project', and 'Event'. A search bar at the bottom has three input fields: 'Name', 'Surname', and 'Affiliate', followed by a red-bordered 'Telecommunications' field and a magnifying glass icon. The main content area features a 'Welcome to Platon' message and a call to action: 'Find your collaborator and start to create projects with them to change the world'. It includes a 'Register' button and a link for 'Already have an account?'. On the right side, there is a sidebar with two sections: 'Cryptocurrency Congress' (2nd International Congress on Blockchain and Applications, L'Aquila (Italy) | 13 March 2020) and 'Coronavirus disease (COVID-2019) Conference' (WHO officials are holding a conference 24 March 2020 coronavirus outbreak). Below the sidebar is a calendar for March 2020, with March 13th highlighted in red. In the bottom left corner, there is a 'Trending Projects' section featuring a project titled 'Femtosecond X-ray protein nanocrystallography'.

PLATON

Advanced Search

Login Register

Person Project Event

Name Surname Affiliate Telecommunications

Welcome to Platon

Find your collaborator and start to create projects with them to change the world

Register

Already have an account?

Cryptocurrency Congress

2nd International Congress on Blockchain and Applications
L'Aquila (Italy) | 13 March 2020

Coronavirus disease (COVID-2019) Conference

WHO officials are holding a conference 24 March 2020 coronavirus outbreak

Trending Projects

Femtosecond X-ray protein nanocrystallography

X-ray crystallography provides the vast majority of macromolecular structures, but the success of the method relies on growing crystals of sufficient size. In conventional measurements, the necessary increase in X-ray dose to record data from crystals that are ...

Collaborator: Bill Gates

March 2020

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

3. She sees the search results

PLATON Advanced Search [Login](#) [Register](#)

Here are the search results

 **Parry Hotter**
★ ★ ★ ★ ★
Professor at Drifindor University, Father of James Sirius, Albus Severus, Lily Luna

 **Won Reasley**
★ ★ ★ ☆ ☆
Co-founder of SATLife, interested in wave transmission theory, coffee lover, amateur golf player

 **Linerva McManaman**
★ ★ ★ ★ ☆
Assoc. Prof. at Ogwars Uni, works on mine detection using antennas, "dar agacinda olsak bile son sozumuz Fenerbahce"

Filter

Affiliate

Ogwarts University
 Dryffindor University
 Lytherin Univer
 European Satellite Corporation
 AT&TA Telecom

[More](#)

Expertise

Radiowave
 Satellite Communication
 Large Scale Antenna
 Wireless
 Network Optimization

[More](#)

Tags

Rating

Mockup – 2

This mockup shows how a guest register.

1. She decides to open an account, and she opens the registration page

The image shows a registration form for the PLATON website. The form consists of several input fields (text, dropdown, date, file) and a checkbox for terms and conditions. Below the form are 'Continue' and 'SIGN UP WITH GOOGLE' buttons. At the bottom, there are links for 'Already a member?' and 'Login'. To the right of the form is a sidebar with 'Upcoming Events' and a calendar for March 2020.

PLATON Advanced Search Login Register

I agree with Term & Conditions and Privacy Policy

Continue

OR

G SIGN UP WITH GOOGLE

Already a member? Login

Terms & Conditions | Privacy

Upcoming Events

Blockchain & Cryptocurrency Congress
2nd International Congress on Blockchain and Applications
L'Aquila (Italy) | 13 March 2020

Coronavirus disease (COVID-2019) Conference
WHO officials are holding a conference 24 March 2020 coronavirus outbreak

March 2020						
Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

2. She provides her information to the field in the registration page

PLATON

Advanced Search

Login Register

Germione Hranger

germione_hranger@mail.com

Lingardium Waveiosa Telecom

Telecommunications

I agree with Term & Conditions and Privacy Policy

Continue

OR

 SIGN UP WITH GOOGLE

Already a member? [Login](#)

[Terms & Conditions](#) | [Privacy](#)

Upcoming Events

Blockchain & Cryptocurrency Congress
2nd International Congress on Blockchain and Applications
L'Aquila (Italy) | 13 March 2020

Coronavirus disease (COVID-2019) Conference
WHO officials are holding a conference 24 March 2020 coronavirus outbreak

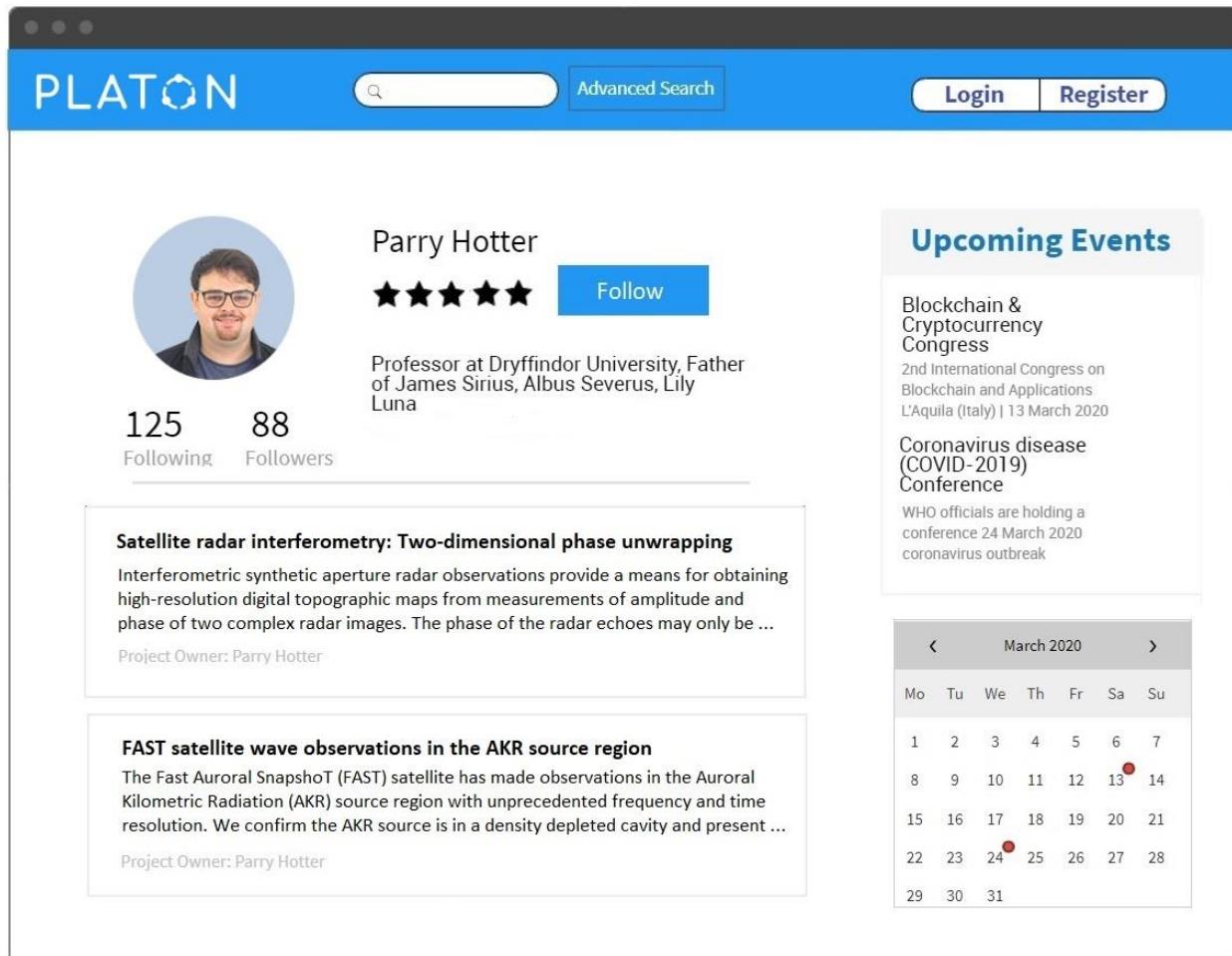
March 2020

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Mockup – 3

This mockup shows how a registered user follows a registered user whose profile page is public.

1. She opens the profile page of "Parry Hotter"



The screenshot shows a user profile for "Parry Hotter" on the PLATON platform. At the top, there's a navigation bar with the PLATON logo, a search bar, an "Advanced Search" button, and "Login" and "Register" buttons. Below the header, the user's profile picture is displayed, followed by the name "Parry Hotter". A five-star rating icon is shown next to a blue "Follow" button. Below the name, a bio states: "Professor at Dryffindor University, Father of James Sirius, Albus Severus, Lily Luna". Underneath the bio, the user has 125 "Following" and 88 "Followers". Two project cards are listed below the bio:

- Satellite radar interferometry: Two-dimensional phase unwrapping**
Interferometric synthetic aperture radar observations provide a means for obtaining high-resolution digital topographic maps from measurements of amplitude and phase of two complex radar images. The phase of the radar echoes may only be ...
Project Owner: Parry Hotter
- FAST satellite wave observations in the AKR source region**
The Fast Auroral SnapshotT (FAST) satellite has made observations in the Auroral Kilometric Radiation (AKR) source region with unprecedented frequency and time resolution. We confirm the AKR source is in a density depleted cavity and present ...
Project Owner: Parry Hotter

To the right of the profile area, there's a sidebar titled "Upcoming Events" featuring two items:

- Blockchain & Cryptocurrency Congress**
2nd International Congress on Blockchain and Applications
L'Aquila (Italy) | 13 March 2020
- Coronavirus disease (COVID-2019) Conference**
WHO officials are holding a conference 24 March 2020 coronavirus outbreak

At the bottom right, there's a calendar for March 2020:

March 2020						
Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

2. She begins to follow "Parry Hotter"

PLATON

Advanced Search

My Profile

Parry Hotter
★★★★★
Following
125 Following 88 Followers

Satellite radar interferometry: Two-dimensional phase unwrapping
Interferometric synthetic aperture radar observations provide a means for obtaining high-resolution digital topographic maps from measurements of amplitude and phase of two complex radar images. The phase of the radar echoes may only be ...
Project Owner: Parry Hotter

FAST satellite wave observations in the AKR source region
The Fast Auroral Snapshot (FAST) satellite has made observations in the Auroral Kilometric Radiation (AKR) source region with unprecedented frequency and time resolution. We confirm the AKR source is in a density depleted cavity and present ...
Project Owner: Parry Hotter

Upcoming Events

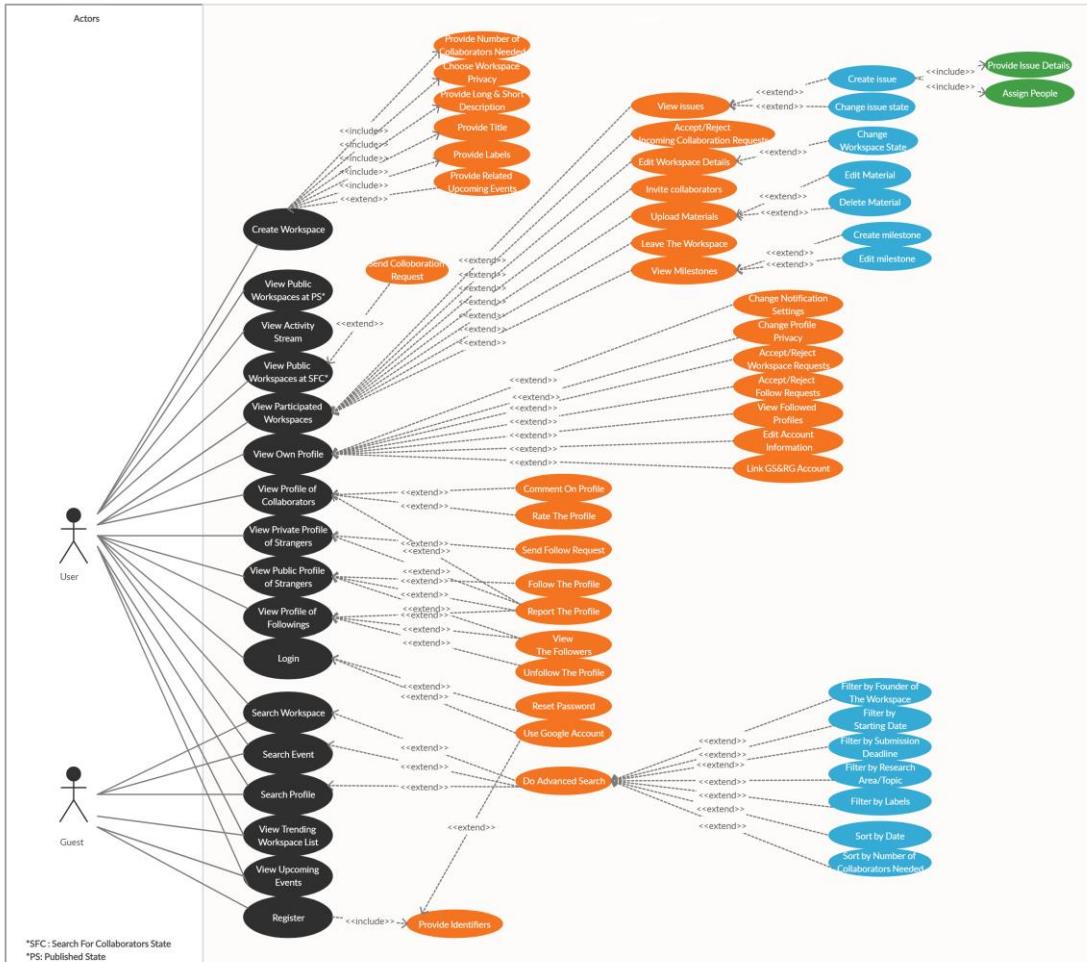
Blockchain & Cryptocurrency Congress
2nd International Congress on Blockchain and Applications
L'Aquila (Italy) | 13 March 2020

Coronavirus disease (COVID-2019) Conference
WHO officials are holding a conference 24 March 2020 coronavirus outbreak

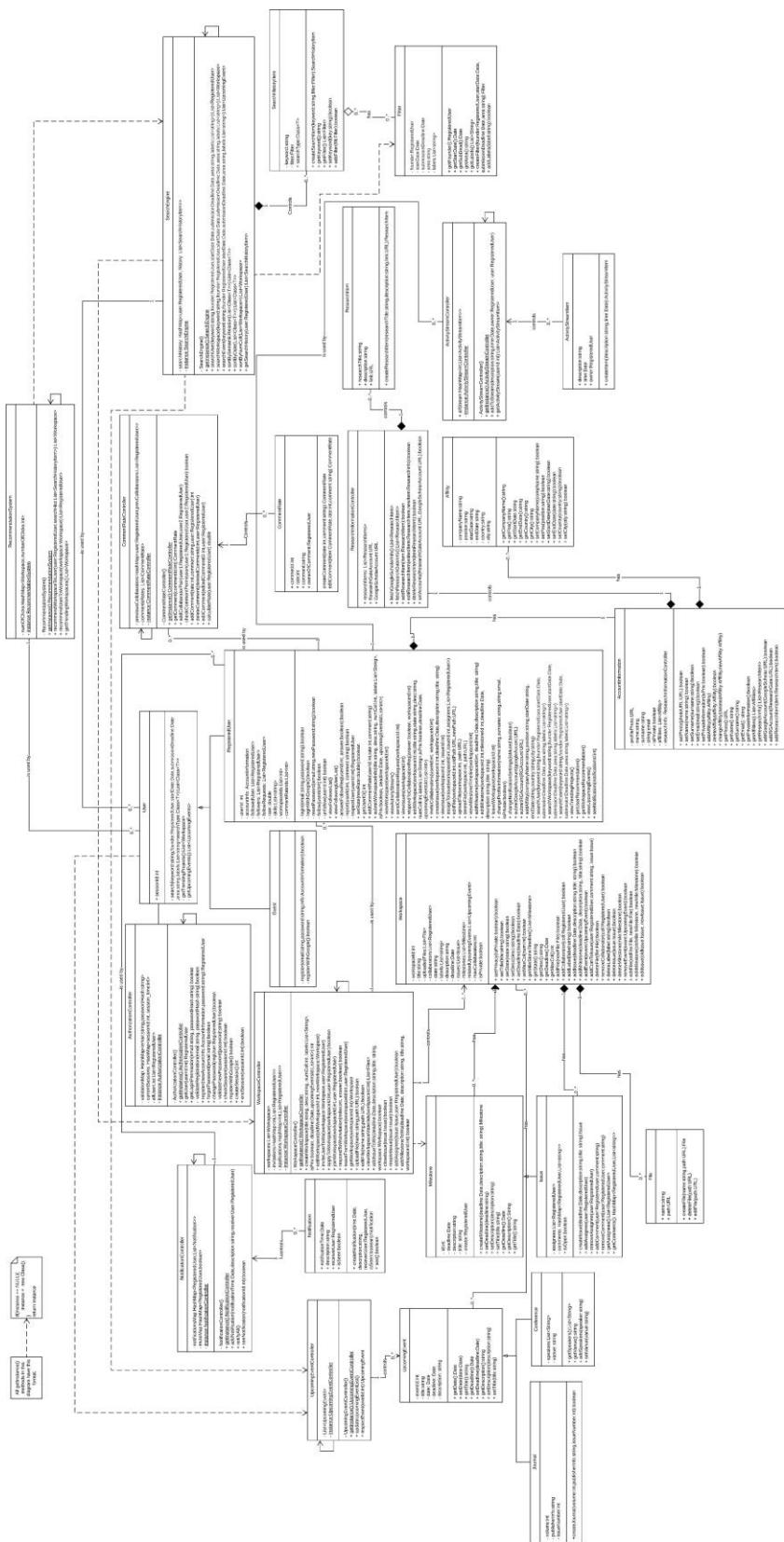
March 2020						
Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

UML Diagrams

Use Case Diagram

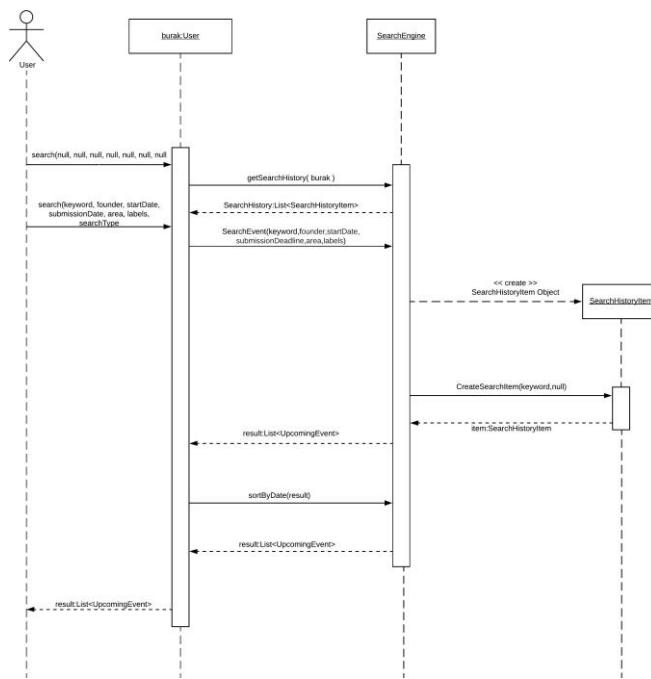


Class Diagram

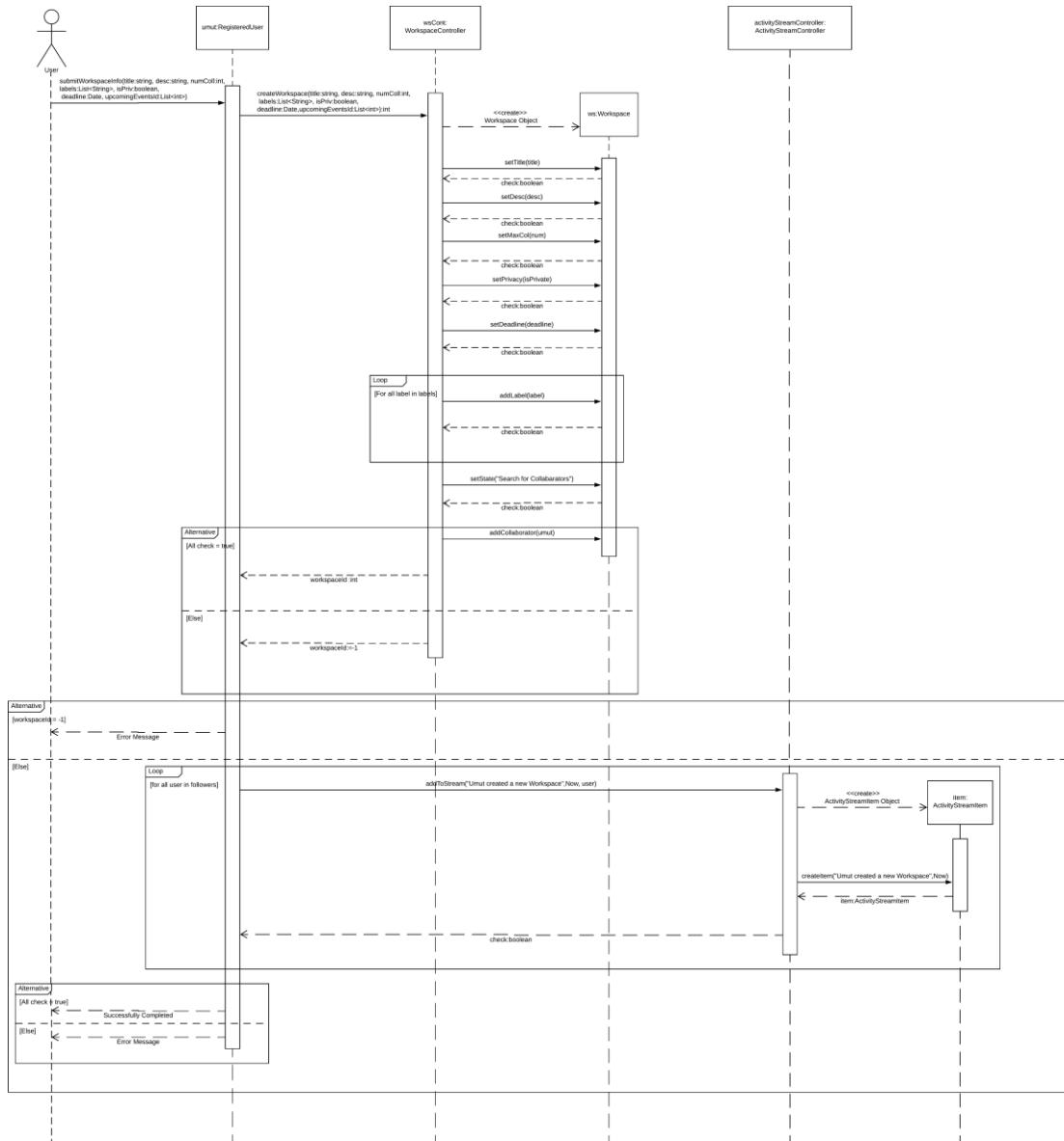


Sequence Diagrams

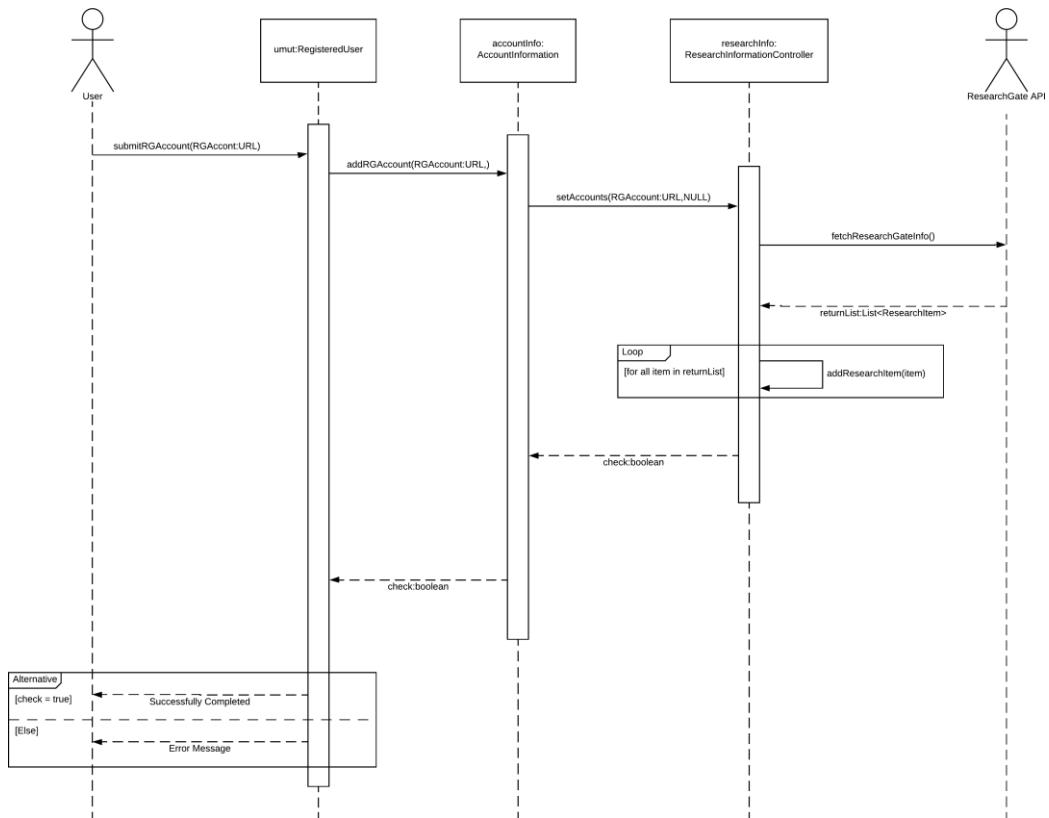
Keyword Search with Date Sorting



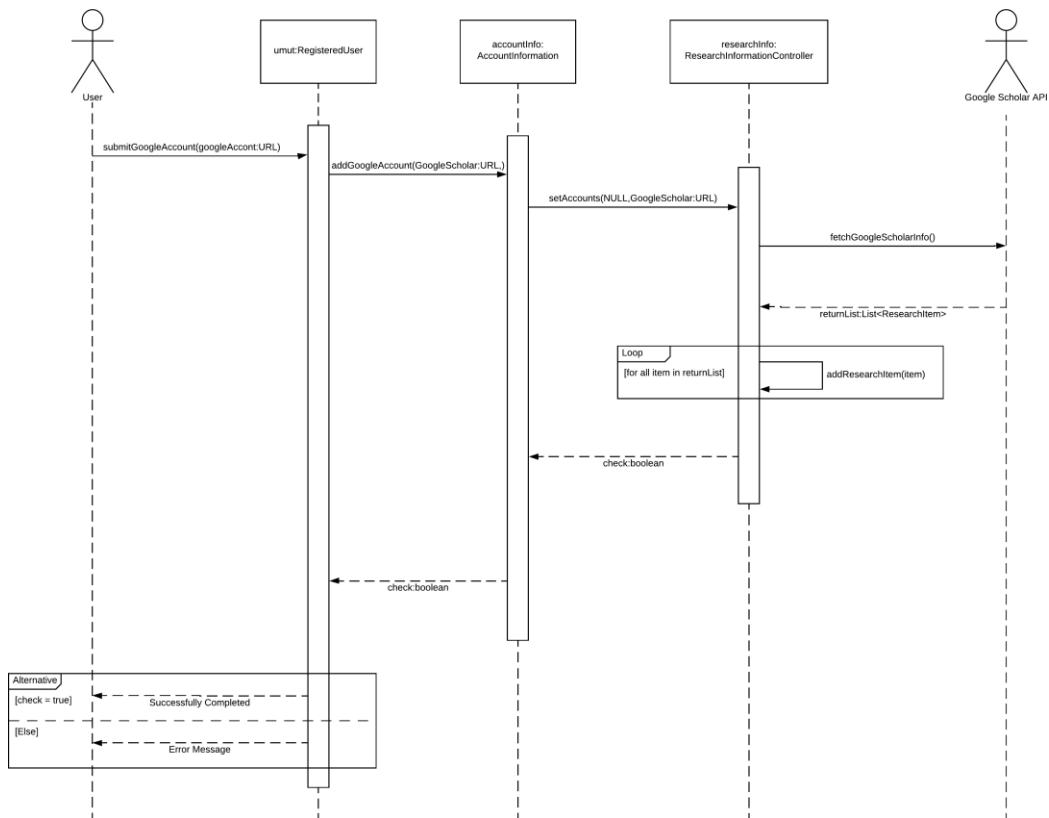
Workspace Creation



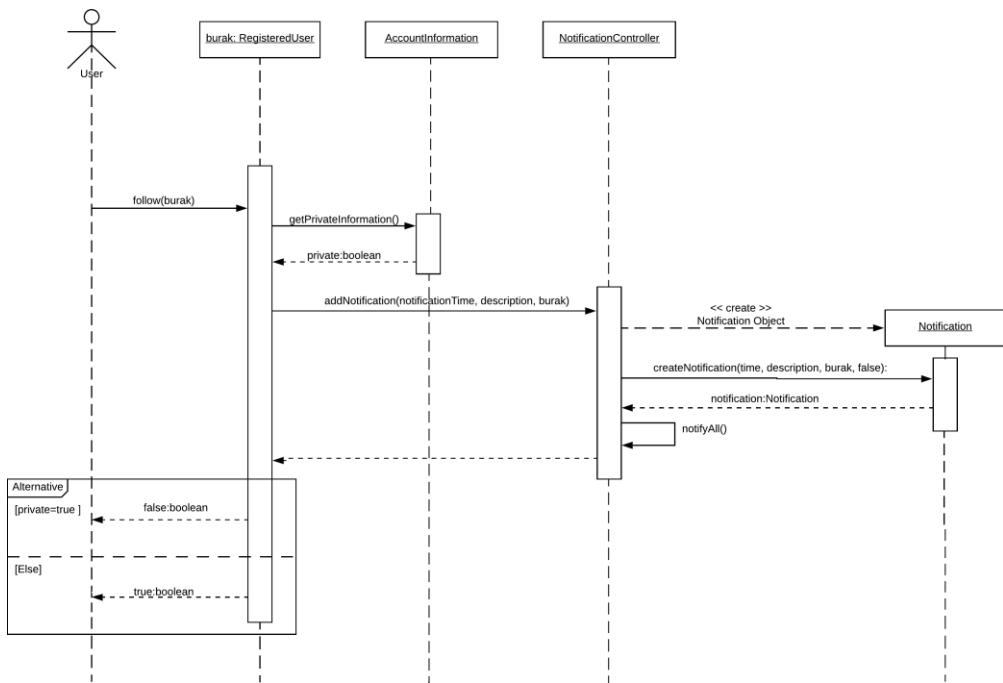
Link ResearchGate Account



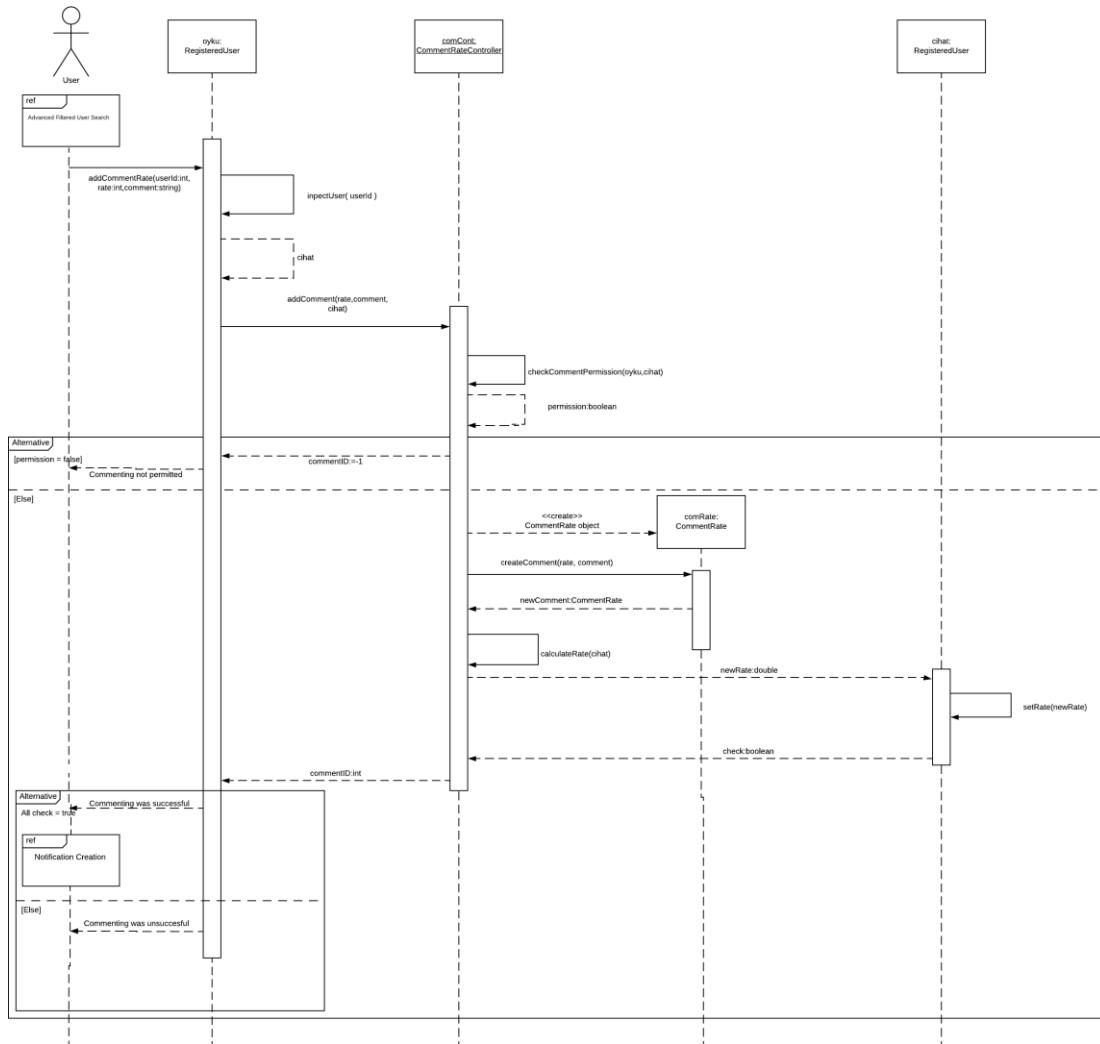
Link Google Scholar Account



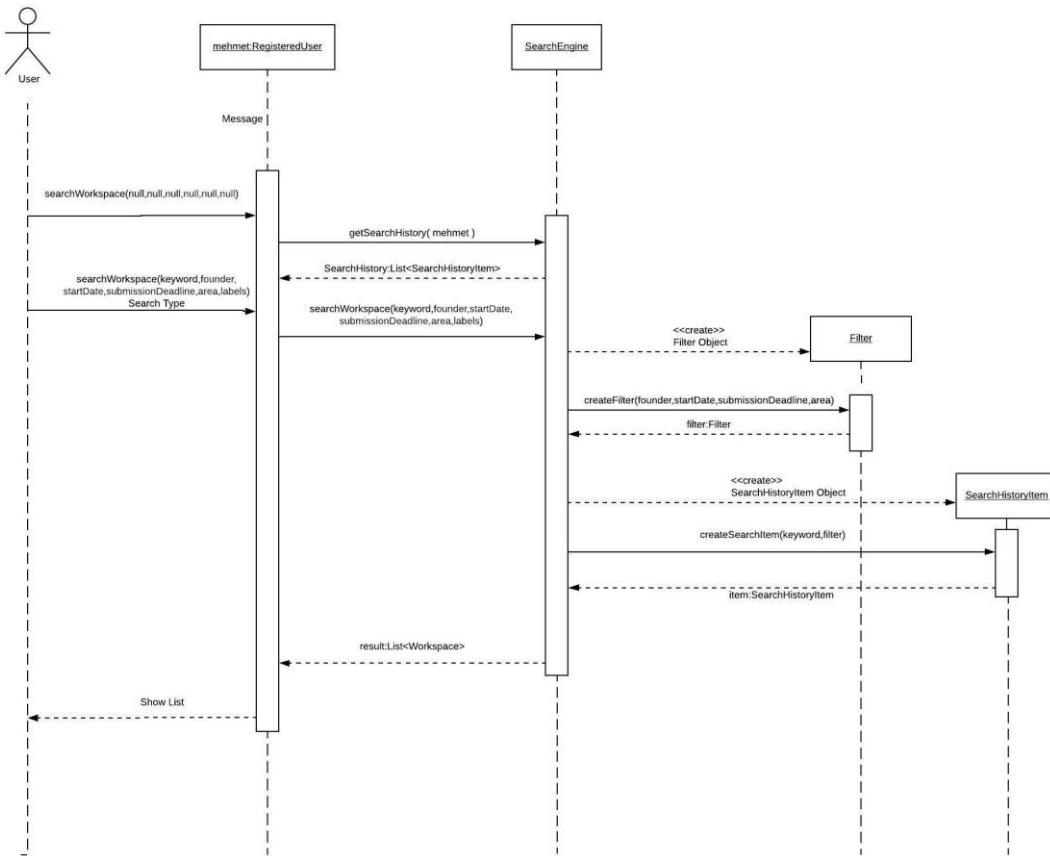
Notification Creation



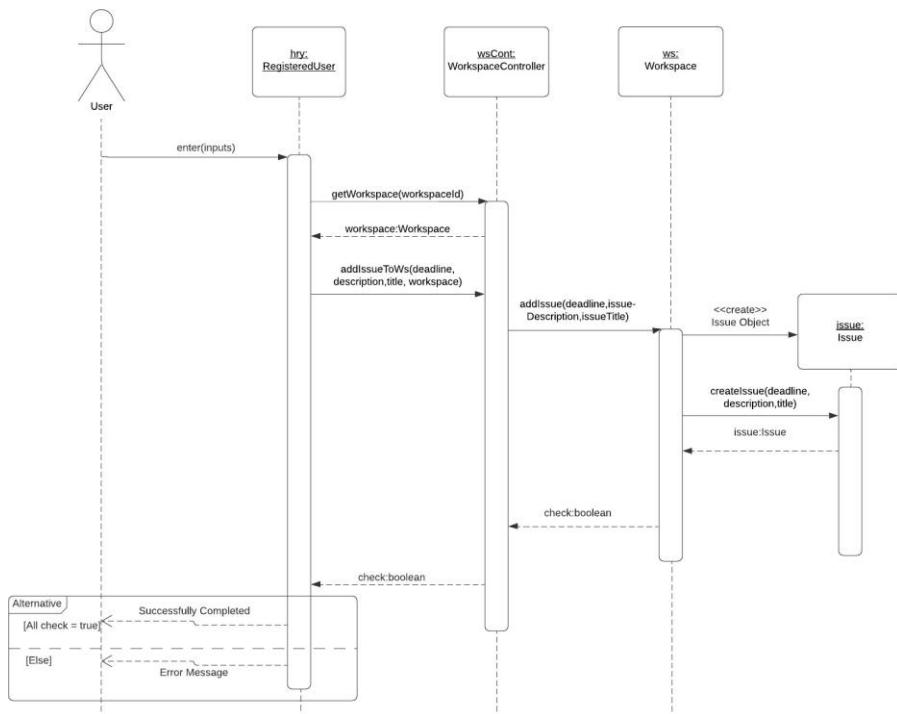
Comment/Rate Profile



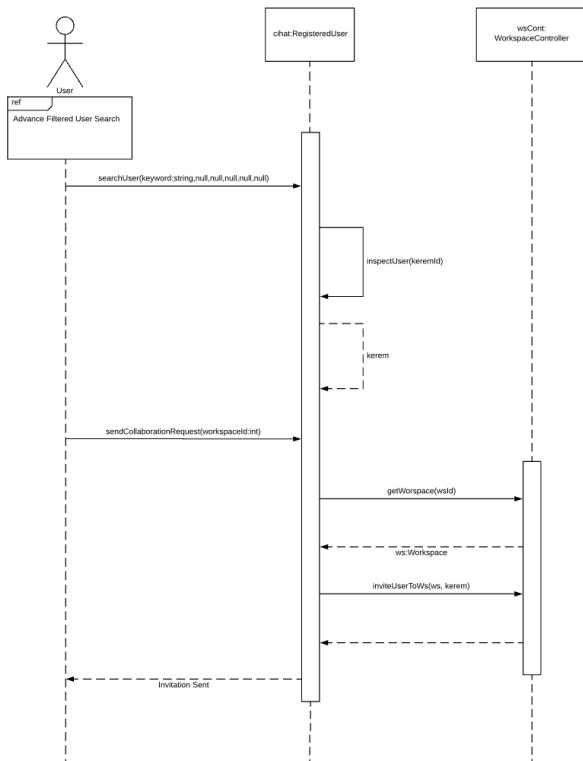
Advanced Filtered Search



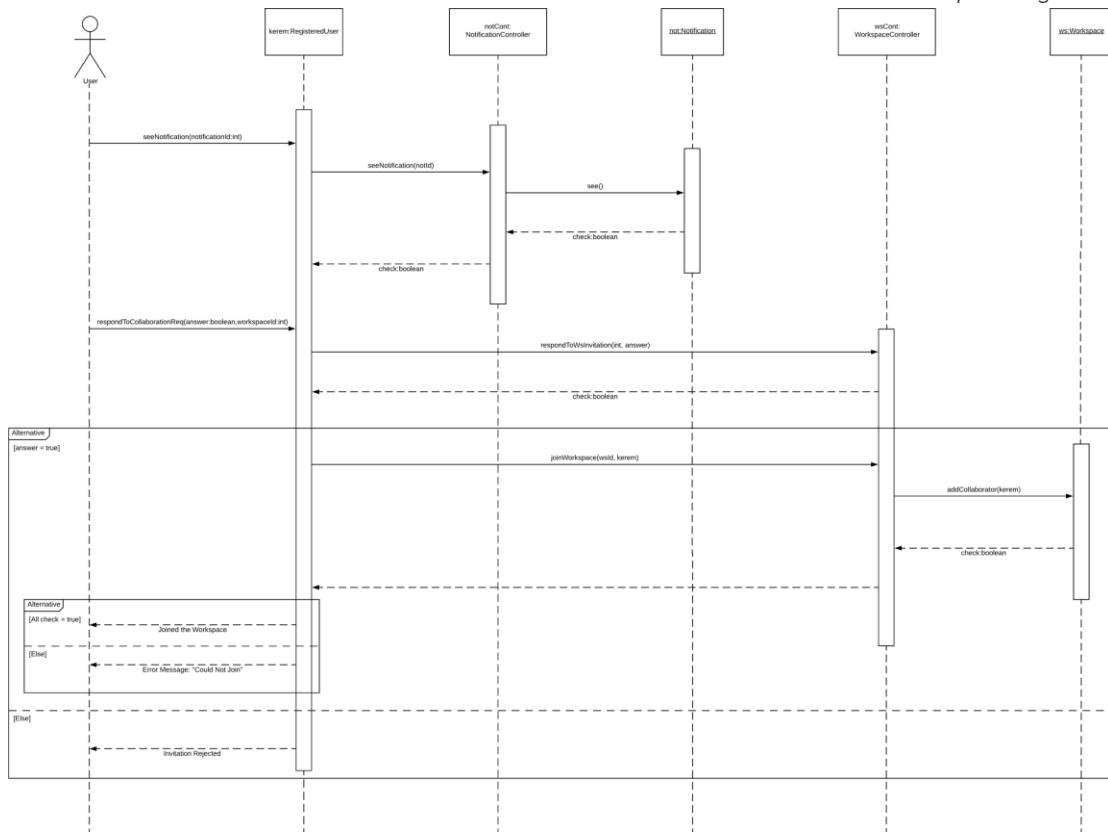
Creating Issue



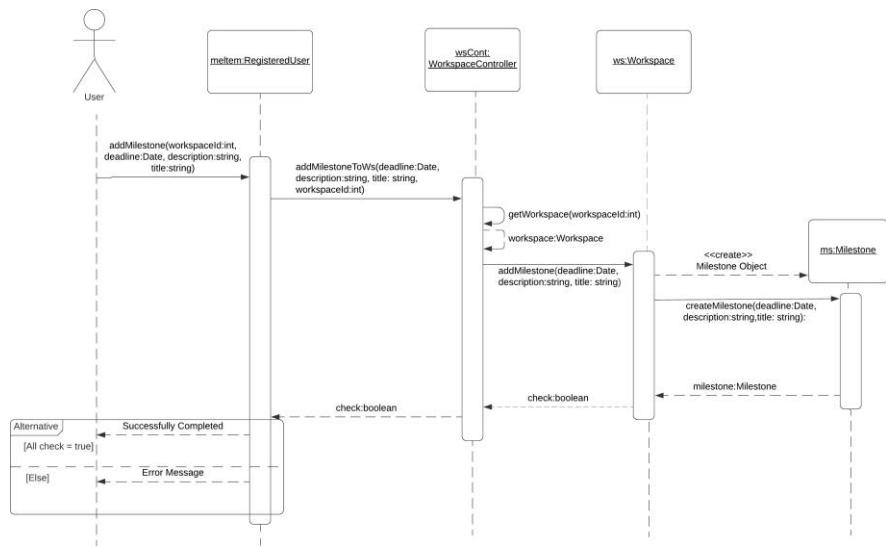
Inviting a User to Workspace



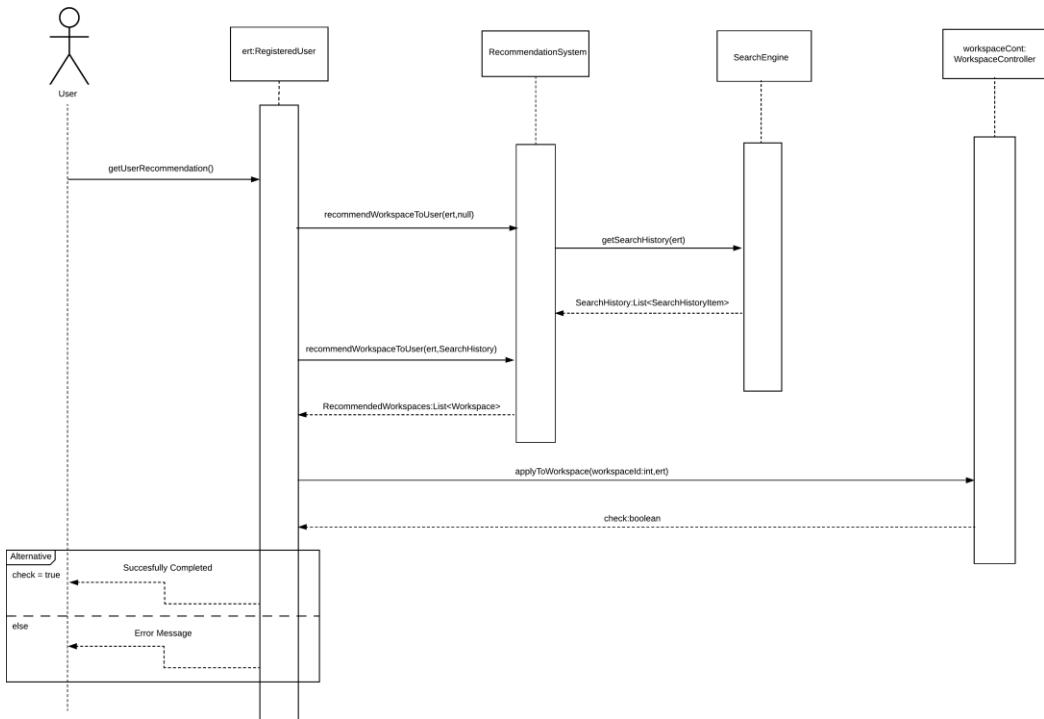
Responding to an Invitation



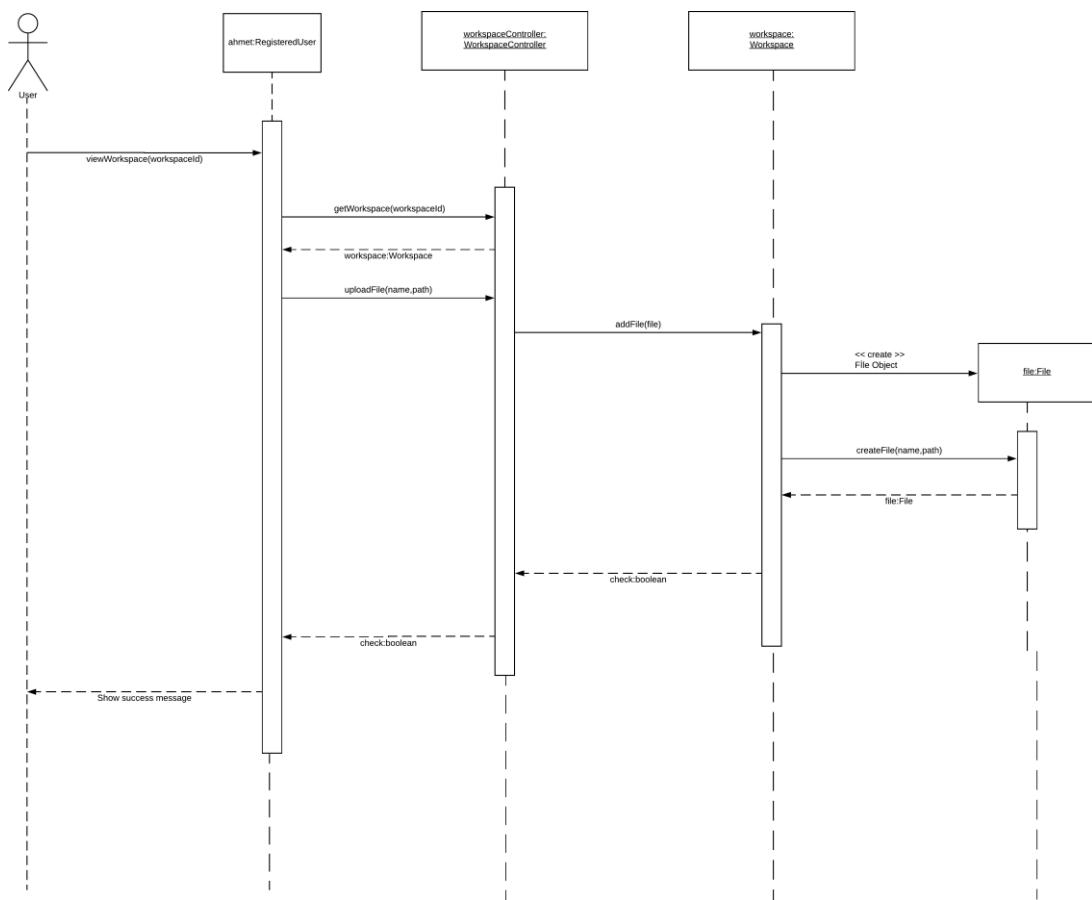
Milestone Creation



Send Collaboration Request



File Creation



Project Plan & RAM

Project Plan

	İcon	Ad	Süre	Balat	Bitirme	Önceki	Kaynak Adlar
1	grid	Orientation	6 günler	10.02.2020 17:00	18.02.2020 17:00		
2	grid	Researching about version control system	6 günler	10.02.2020 17:00	18.02.2020 17:00		Burak Özdemir;Hasan Ramazan Yurt;Halli Umut Özdemir;Öykü Yılmaz
3	grid	Researching about GitHub repositories	6 günler	10.02.2020 17:00	18.02.2020 17:00		Ahmet Dadak;Alperen Divrikliolu;Burak Özdemir;Erturul Bülbül;Halli
4	grid	Researching about markdown	6 günler	10.02.2020 17:00	18.02.2020 17:00		Ahmet Dadak;Alperen Divrikliolu;Burak Özdemir;Erturul Bülbül;Halli
5	grid	First team meeting	1 gün	13.02.2020 17:00	14.02.2020 17:00		Ahmet Dadak;Alperen Divrikliolu;Burak Özdemir;Erturul Bülbül;Halli
6	grid	Creating a workspace on Slack	3 günler	13.02.2020 17:00	18.02.2020 17:00		Erturul Bülbül
7	grid	Documentation	5 günler	13.02.2020 08:00	19.02.2020 17:00		
8	grid	Creating the wiki page of the team	3 günler	13.02.2020 08:00	17.02.2020 17:00		Burak Özdemir
9	grid	Creating the README.md for the repository	4 günler	13.02.2020 08:00	18.02.2020 17:00		Hasan Ramazan Yurt
10	grid	Preparing communication plan	4 günler	13.02.2020 08:00	18.02.2020 17:00		Ahmet Dadak
11	grid	Preparing favourite GitHub repositories page	5 günler	13.02.2020 08:00	19.02.2020 17:00		Meltem Arslan
12	grid	Preparing own personal wiki pages	5 günler	13.02.2020 08:00	19.02.2020 17:00		Ahmet Dadak;Alperen Divrikliolu;Burak Özdemir;Erturul Bülbül;Halli
13	grid	Preparing version control system research page	5 günler	13.02.2020 08:00	19.02.2020 17:00		Öykü Yılmaz
14	grid	Requirements	13 günler	20.02.2020 08:00	09.03.2020 17:00		
15	grid	Requirement engineering	5 günler	20.02.2020 08:00	26.02.2020 17:00		Ahmet Dadak;Alperen Divrikliolu;Burak Özdemir;Erturul Bülbül;Halli
16	grid	Reviewing the requirements before first version	1 gün	28.02.2020 08:00	28.02.2020 17:00		Hallı Umut Özdemir;Meltem Arslan;Burak Özdemir;Öykü Yılmaz
17	grid	Adding/altering system requirements	3 günler	28.02.2020 08:00	03.03.2020 17:00		Meltem Arslan;Burak Özdemir;Ahmet Dadak;Kerem Uslular;Hasan Ramazan Yurt;Erturul Bülbül;Öykü Yılmaz;Alperen Divrikliolu;Mehmet Temizel;Halli Umut Özdemir
18	grid	Adding/altering user requirements and non-functional requirements	3 günler	28.02.2020 08:00	03.03.2020 17:00		Erturul Bülbül;Öykü Yılmaz;Alperen Divrikliolu;Mehmet Temizel;Halli Umut Özdemir;Kerem Uslular;Ahmet Dadak
19	grid	Customer meeting #1 for specifying requirements	3 günler	05.03.2020 08:00	09.03.2020 17:00		
20	grid	Logo and Name	4 günler	28.02.2020 08:00	04.03.2020 17:00		
21	grid	Preparing logo and name	4 günler	28.02.2020 08:00	04.03.2020 17:00		Ahmet Dadak;Alperen Divrikliolu;Burak Özdemir;Erturul Bülbül;Halli
22	grid	User Scenarios	11 günler	28.02.2020 08:00	13.03.2020 17:00		
23	grid	Creating scenario #1	4 günler	10.03.2020 08:00	13.03.2020 17:00	14	Öykü Yılmaz;Hasan Ramazan Yurt;Halli Umut Özdemir
24	grid	Creating scenario #2	4 günler	28.02.2020 08:00	04.03.2020 17:00		Burak Özdemir;Alperen Divrikliolu;Erturul Bülbül;Kerem Uslular
25	grid	Creating scenario #3	4 günler	28.02.2020 08:00	04.03.2020 17:00		
26	grid	Mockups	4 günler	16.03.2020 08:00	19.03.2020 17:00	22	
27	grid	Creating mockup #1	4 günler	16.03.2020 08:00	19.03.2020 17:00		Hallı Umut Özdemir;Hasan Ramazan Yurt;Öykü Yılmaz
28	grid	Creating mockup #2	4 günler	16.03.2020 08:00	19.03.2020 17:00		Alperen Divrikliolu;Burak Özdemir;Erturul Bülbül;Kerem Uslular
29	grid	Creating mockup #3	4 günler	16.03.2020 08:00	19.03.2020 17:00		
30	grid	Diagrams	11 günler	12.03.2020 08:00	26.03.2020 17:00	14	
31	grid	Preparing Use Case Diagram	4 günler	12.03.2020 08:00	17.03.2020 17:00		Ahmet Dadak;Burak Özdemir;Meltem Arslan;Erturul Bülbül;Alperen Divrikliolu;Halli Umut Özdemir;Öykü Yılmaz
32	grid	Preparing Class Diagram	4 günler	12.03.2020 08:00	17.03.2020 17:00		Hallı Umut Özdemir;Öykü Yılmaz;Kerem Uslular;Mehmet Temizel;Halli Umut Özdemir;Alperen Divrikliolu;Erturul Bülbül;Kerem Uslular
33	grid	Preparing Sequence Diagrams	3 günler	24.03.2020 08:00	26.03.2020 17:00	31:32	Burak Özdemir;Hasan Ramazan Yurt;Halli Umut Özdemir;Öykü Yılmaz
34	grid	Planning	5 günler	13.04.2020 13:00	20.04.2020 13:00		
35	grid	Until Planning	4 günler	13.04.2020 13:00	17.04.2020 13:00		Ahmet Dadak;Alperen Divrikliolu
36	grid	After Planning	4 günler	13.04.2020 13:00	17.04.2020 13:00		Hallı Umut Özdemir;Öykü Yılmaz;Meltem Arslan;Kerem Uslular
37	grid	Merge of Plans	1 gün	17.04.2020 13:00	20.04.2020 13:00	35:36	Burak Özdemir;Hasan Ramazan Yurt;Mehmet Temizel;Erturul Bülbül
38	grid	Milestone1	0 günler	04.05.2020 17:00	04.05.2020 17:00	26:7:20:22:14:1	Ahmet Dadak;Alperen Divrikliolu;Burak Özdemir;Erturul Bülbül;Halli Umut Özdemir;Öykü Yılmaz
39	grid	API Test & Study	12 günler?	23.04.2020 08:00	08.05.2020 17:00		
40	grid	API Meeting	1 gün?	23.04.2020 08:00	23.04.2020 17:00		

Platon- Sayfa1

	İcon	Ad	Süre	Balat	Bitirme	Önceki	Kaynak Adlar
41	grid	API Usage	5 günler?	23.04.2020 08:00	29.04.2020 17:00		
42	grid	Design of New API	8 günler?	29.04.2020 08:00	08.05.2020 17:00		
43	grid	Milestone2	0 günler	18.05.2020 17:00	18.05.2020 17:00	26:30:38:14:22...	Ahmet Dadak;Alperen Divrikliolu;Burak Özdemir;Erturul Bülbül;Halli Umut Özdemir;Öykü Yılmaz
44	grid	Arrange teams	1 gün	17.09.2020 08:00	17.09.2020 17:00		Burak Özdemir;Hasan Ramazan Yurt;Halli Umut Özdemir;Öykü Yılmaz
45	grid	Revise Requirements, Design, Plans	5 günler	18.09.2020 08:00	24.09.2020 17:00		Ahmet Dadak;Alperen Divrikliolu;Burak Özdemir;Erturul Bülbül;Halli Umut Özdemir;Öykü Yılmaz
46	grid	Group Meetings	2 günler	23.09.2020 08:00	24.09.2020 17:00		
47	grid	All members	1 gün	23.09.2020 08:00	23.09.2020 17:00		Ahmet Dadak;Alperen Divrikliolu;Burak Özdemir;Erturul Bülbül;Halli Umut Özdemir;Öykü Yılmaz;Kerem Uslular;Meltem Arslan;Kerem Uslular
48	grid	Backend	1 gün	24.09.2020 08:00	24.09.2020 17:00	47	Hallı Umut Özdemir;Öykü Yılmaz;Meltem Arslan;Kerem Uslular
49	grid	Frontend	1 gün	24.09.2020 08:00	24.09.2020 17:00	47	Burak Özdemir;Hasan Ramazan Yurt;Ahmet Dadak
50	grid	Android	1 gün	24.09.2020 08:00	24.09.2020 17:00	47	Mehmet Temizel;Erturul Bülbül;Alperen Divrikliolu
51	grid	Pre Implementation	2 günler	25.09.2020 08:00	28.09.2020 17:00		
52	grid	Backend	2 günler	25.09.2020 08:00	28.09.2020 17:00		
53	grid	Create Test Server	2 günler	25.09.2020 08:00	28.09.2020 17:00	48	Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
54	grid	Frontend	2 günler	25.09.2020 08:00	28.09.2020 17:00		
55	grid	Create Initial Design	2 günler	25.09.2020 08:00	28.09.2020 17:00	49	Ahmet Dadak;Burak Özdemir;Hasan Ramazan Yurt
56	grid	Android	2 günler	25.09.2020 08:00	28.09.2020 17:00		
57	grid	Create Initial Design	2 günler	25.09.2020 08:00	28.09.2020 17:00	50	Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel
58	grid	Test Case	5 günler	29.09.2020 08:00	05.10.2020 17:00		
59	grid	Implement Test Cases of Log-in/Register and Profile	5 günler	29.09.2020 08:00	05.10.2020 17:00	53:55:57	Ahmet Dadak;Alperen Divrikliolu;Burak Özdemir;Erturul Bülbül;Halli Umut Özdemir;Öykü Yılmaz
60	grid	Log In - Register	8 günler?	02.10.2020 08:00	13.10.2020 17:00		
61	grid	Backend	8 günler	02.10.2020 08:00	13.10.2020 17:00		
62	grid	Implementation of Register System	4 günler	02.10.2020 08:00	07.10.2020 17:00		Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
63	grid	Implementation of Log In System	2 günler	08.10.2020 08:00	09.10.2020 17:00	62	Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
64	grid	Log In - Register with Google Account	2 günler	02.10.2020 08:00	05.10.2020 17:00		Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
65	grid	Reset-Change Password	2 günler	12.10.2020 08:00	13.10.2020 17:00	62:63:64	Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
66	grid	Frontend	6 günler	02.10.2020 08:00	09.10.2020 17:00		
67	grid	Register Page	4 günler	02.10.2020 08:00	07.10.2020 17:00		Ahmet Dadak;Burak Özdemir;Hasan Ramazan Yurt
68	grid	Log In Page	4 günler	06.10.2020 08:00	09.10.2020 17:00		Ahmet Dadak;Burak Özdemir;Hasan Ramazan Yurt
69	grid	Reset-Change Password Page	2 günler	08.10.2020 08:00	09.10.2020 17:00		Ahmet Dadak;Burak Özdemir;Hasan Ramazan Yurt
70	grid	Android	6 günler	02.10.2020 08:00	09.10.2020 17:00		
71	grid	Register Page	4 günler	02.10.2020 08:00	07.10.2020 17:00		Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel
72	grid	Log In Page	4 günler	06.10.2020 08:00	09.10.2020 17:00		Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel
73	grid	Reset- Change Password Page	2 günler	02.10.2020 08:00	05.10.2020 17:00		Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel
74	grid	Profile Page - User Actions	10 günler	12.10.2020 08:00	23.10.2020 17:00		
75	grid	Backend	7 günler	14.10.2020 08:00	22.10.2020 17:00		
76	grid	Account Information System	3 günler	14.10.2020 08:00	16.10.2020 17:00	62:63:64:65	Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
77	grid	User Action - Following System	2 günler	15.10.2020 08:00	16.10.2020 17:00		Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
78	grid	User Action - Reporting System	3 günler	16.10.2020 08:00	20.10.2020 17:00		Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
79	grid	Profile Privacy	1 gün	20.10.2020 08:00	20.10.2020 17:00		Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
80	grid	Linking Google Scholar-ResearchGate Account	3 günler	20.10.2020 08:00	22.10.2020 17:00		Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz

Platon- Sayfa2

		Ad	Süre	Balat	Bittiğe	Önceki	Kaynak Adalar
81		Frontend	9 günler	12.10.2020 08:00	22.10.2020 17:00		
82		User Profile Page	4 günler	12.10.2020 08:00	15.10.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
83		Follower and Following Accounts Pages	2 günler	16.10.2020 08:00	19.10.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
84		Follow Requests Pages	2 günler	20.10.2020 08:00	21.10.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
85		Reporting Page	1 gün	22.10.2020 08:00	22.10.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
86		Android	9 günler	12.10.2020 08:00	22.10.2020 17:00		
87		User Profile Page	4 günler	12.10.2020 08:00	15.10.2020 17:00	Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel	
88		Follower and Following Accounts Pages	3 günler	16.10.2020 08:00	20.10.2020 17:00	Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel	
89		Follow Requests Pages	1 gün	21.10.2020 08:00	21.10.2020 17:00	Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel	
90		Reporting Page	1 gün	22.10.2020 08:00	22.10.2020 17:00	Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel	
91		Testing	1 gün	23.10.2020 08:00	23.10.2020 17:00		
92		Test Log in-Register and Profile Page	1 gün	23.10.2020 08:00	23.10.2020 17:00	62	Ahmet Dadak;Alperen Divrikliolu;Burak Ömür;Erturul Bülbül;Halli..
93		Milestone3	0 günler	23.10.2020 17:00	23.10.2020 17:00	51:58:60:74	Ahmet Dadak;Alperen Divrikliolu;Burak Ömür;Erturul Bülbül;Halli..
94		Test Case	3 günler	26.10.2020 08:00	28.10.2020 17:00		
95		Implement Test Cases of Upcoming Events-Works...	3 günler	26.10.2020 08:00	28.10.2020 17:00	Ahmet Dadak;Alperen Divrikliolu;Burak Ömür;Erturul Bülbül;Halli..	
96		Upcoming Events	6 günler	29.10.2020 08:00	05.11.2020 17:00		
97		Backend	4 günler	29.10.2020 08:00	03.11.2020 17:00		
98		Upcoming Events API	4 günler	29.10.2020 08:00	03.11.2020 17:00	Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz	
99		Frontend	6 günler	29.10.2020 08:00	05.11.2020 17:00		
100		Upcoming Event Page	2 günler	29.10.2020 08:00	30.10.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
101		Upcoming Events Calendar Widget	2 günler	04.11.2020 08:00	05.11.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
102		Android	6 günler	29.10.2020 08:00	05.11.2020 17:00		
103		Upcoming Event Page	2 günler	29.10.2020 08:00	30.10.2020 17:00	Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel	
104		Upcoming Events Calendar Widget	2 günler	04.11.2020 08:00	05.11.2020 17:00	Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel	
105		Workspace	11 günler	05.11.2020 08:00	19.11.2020 17:00		
106		Backend	11 günler	05.11.2020 08:00	19.11.2020 17:00		
107		Workspace Information System	3 günler	05.11.2020 08:00	09.11.2020 17:00	Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz	
108		File Storage System	2 günler	10.11.2020 08:00	11.11.2020 17:00	107	Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
109		Issue - Milestone System	2 günler	12.11.2020 08:00	13.11.2020 17:00	107	Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
110		Comment-Rate System	2 günler	14.11.2020 08:00	17.11.2020 17:00	107	Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
111		Invitation Mechanism	1 gün	18.11.2020 17:00	19.11.2020 17:00	107	Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
112		Frontend	11 günler	05.11.2020 08:00	19.11.2020 17:00		
113		Workspace Pages for all States of Workspaces	4 günler	05.11.2020 08:00	10.11.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
114		Edit File Page	2 günler	11.11.2020 08:00	12.11.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
115		Issue - Milestone Pages	1 gün	13.11.2020 08:00	13.11.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
116		Add Comment Rate Sections to Profile Pages	1 gün	14.11.2020 08:00	16.11.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
117		Invitation Section of Workspace	1 gün	17.11.2020 08:00	17.11.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
118		Add Invitation Section to User Profiles	2 günler	18.11.2020 08:00	19.11.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
119		Android	10 günler	05.11.2020 08:00	18.11.2020 17:00		
120		Workspace Pages for all States of Workspaces	4 günler	05.11.2020 08:00	10.11.2020 17:00	Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel	

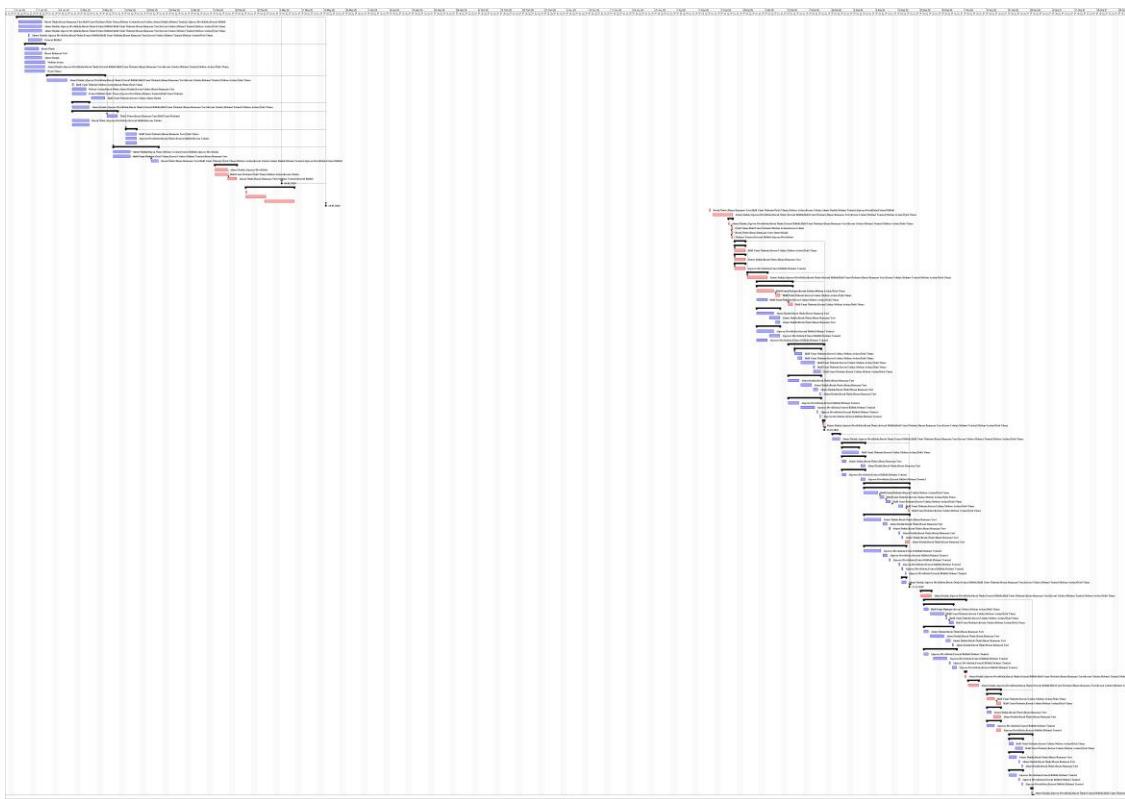
Platon- Sayfa3

		Ad	Süre	Balat	Bittiğe	Önceki	Kaynak Adalar
121		Edit File Page	2 günler	11.11.2020 08:00	12.11.2020 17:00		Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel
122		Issue - Milestone Pages	1 gün	13.11.2020 08:00	13.11.2020 17:00		Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel
123		Add Comment Rate Sections to Profile Pages	1 gün	14.11.2020 08:00	16.11.2020 17:00		Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel
124		Invitation Section of Workspace	1 gün	17.11.2020 08:00	17.11.2020 17:00		Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel
125		Add Invitation Section to User Profiles	1 gün	18.11.2020 08:00	18.11.2020 17:00		Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel
126		Testing	2 günler	17.11.2020 08:00	18.11.2020 17:00		
127		Test Upcoming Events-Workspace	2 günler	17.11.2020 08:00	18.11.2020 17:00		Ahmet Dadak;Alperen Divrikliolu;Burak Ömür;Erturul Bülbül;Halli..
128		Milestone4	0 günler	19.11.2020 17:00	19.11.2020 17:00	94:96:105	Ahmet Dadak;Alperen Divrikliolu;Burak Ömür;Erturul Bülbül;Halli..
129		Test Case	4 günler	23.11.2020 08:00	26.11.2020 17:00		
130		Implement Test Cases of Search Engine	4 günler	23.11.2020 08:00	26.11.2020 17:00		Ahmet Dadak;Alperen Divrikliolu;Burak Ömür;Erturul Bülbül;Halli..
131		Search Engine	10 günler	24.11.2020 08:00	07.12.2020 17:00		
132		Backend	8 günler	24.11.2020 08:00	03.12.2020 17:00		
133		Basic User- Workspace- Event Search (Semantic)	2 günler	24.11.2020 08:00	25.11.2020 17:00		Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
134		Advanced User- Workspace- Event Search (Sem...	3 günler	26.11.2020 08:00	30.11.2020 17:00		Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
135		Search History	1 gün	01.12.2020 08:00	01.12.2020 17:00	133:134	Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
136		Sorting by Date and Number of Collaborators Ne...	2 günler	02.12.2020 08:00	03.12.2020 17:00	133:134	Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
137		Frontend	8 günler	24.11.2020 08:00	03.12.2020 17:00		
138		Basic User- Workspace- Event Search Section	2 günler	24.11.2020 08:00	25.11.2020 17:00		Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt
139		Advanced User- Workspace- Event Search Section	3 günler	26.11.2020 08:00	30.11.2020 17:00		Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt
140		Search History Section	2 günler	01.12.2020 08:00	02.12.2020 17:00		Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt
141		Search Results Page	1 gün	03.12.2020 08:00	03.12.2020 17:00		Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt
142		Android	9 günler	24.11.2020 08:00	04.12.2020 17:00		
143		Basic User- Workspace- Event Search Section	2 günler	24.11.2020 08:00	25.11.2020 17:00		Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel
144		Advanced User- Workspace- Event Search Section	3 günler	27.11.2020 08:00	01.12.2020 17:00		Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel
145		Search History Section	1 gün	02.12.2020 08:00	02.12.2020 17:00		Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel
146		Search Results Page	2 günler	03.12.2020 08:00	04.12.2020 17:00		Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel
147		Testing	1 gün	07.12.2020 08:00	07.12.2020 17:00		
148		Implement Test Cases of Search Engine	1 gün	07.12.2020 08:00	07.12.2020 17:00		Ahmet Dadak;Alperen Divrikliolu;Burak Ömür;Erturul Bülbül;Halli..
149		Test Case	4 günler	08.12.2020 08:00	11.12.2020 17:00		
150		Implement Test Cases of Recommendation Syst...	4 günler	08.12.2020 08:00	11.12.2020 17:00		Ahmet Dadak;Alperen Divrikliolu;Burak Ömür;Erturul Bülbül;Halli..
151		Recommendation System	5 günler	14.12.2020 08:00	18.12.2020 17:00		
152		Backend	5 günler	14.12.2020 08:00	18.12.2020 17:00		
153		Recommendation System	3 günler	14.12.2020 08:00	16.12.2020 17:00		Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
154		Trending Projects System	2 günler	17.12.2020 08:00	18.12.2020 17:00	153	Hallı Umut Özdemir;Kerem Uslular;Meltem Arslan;Öykü Yılmaz
155		Frontend	5 günler	14.12.2020 08:00	18.12.2020 17:00		
156		Add Recommendation Section to Profile Pages	2 günler	14.12.2020 08:00	15.12.2020 17:00		Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt
157		Add Recommendation Section to Workspace Pager	3 günler	16.12.2020 08:00	18.12.2020 17:00		Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt
158		Android	5 günler	14.12.2020 08:00	18.12.2020 17:00		
159		Add Recommendation Section to Profile Pages	3 günler	14.12.2020 08:00	16.12.2020 17:00		Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel
160		Add Recommendation Section to Workspace Page	2 günler	17.12.2020 08:00	18.12.2020 17:00		Alperen Divrikliolu;Erturul Bülbül;Mehmet Temizel

Platon- Sayfa4

		Ad	Süre	Balat	Bitirme	Önceki	Kaynak Adlar
161		Home Page	6 günler	21.12.2020 08:00	26.12.2020 17:00		
162		Backend	5 günler	21.12.2020 08:00	25.12.2020 17:00		
163		Notification System	2 günler	21.12.2020 08:00	22.12.2020 17:00	Halil Umut Özdemir;Kerem Uslular;Mettem Arslan;Öykü Yılmaz	
164		Activity Stream System	3 günler	23.12.2020 08:00	25.12.2020 17:00	Halil Umut Özdemir;Kerem Uslular;Mettem Arslan;Öykü Yılmaz	
165		Frontend	5 günler	21.12.2020 08:00	25.12.2020 17:00		
166		Home Page	3 günler	21.12.2020 08:00	23.12.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
167		Add Upcoming Event Calendar Widget	1 gün	24.12.2020 08:00	24.12.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
168		Create Trending Projects Section	1 gün	25.12.2020 08:00	25.12.2020 17:00	Ahmet Dadak;Burak Ömür;Hasan Ramazan Yurt	
169		Android	5 günler	21.12.2020 08:00	25.12.2020 17:00		
170		Home Page	3 günler	21.12.2020 08:00	23.12.2020 17:00	Alperen Divrikiliolu;Erturul Bülbül;Mehmet Temizel	
171		Add Upcoming Event Calendar Widget	1 gün	24.12.2020 08:00	24.12.2020 17:00	Alperen Divrikiliolu;Erturul Bülbül;Mehmet Temizel	
172		Create Trending Projects Section	1 gün	25.12.2020 08:00	25.12.2020 17:00	Alperen Divrikiliolu;Erturul Bülbül;Mehmet Temizel	
173		Testing	1 gün	28.12.2020 08:00	28.12.2020 17:00		
174		Test Recommendation System and Home Page	1 gün	28.12.2020 08:00	28.12.2020 17:00	Ahmet Dadak;Alperen Divrikiliolu;Burak Ömür;Erturul Bülbül;Halil Umut Özdemir;Kerem Uslular;Mettem Arslan;Öykü Yılmaz	
175		Milestone5	0 günler	28.12.2020 17:00	28.12.2020 17:00	131;151;161	Ahmet Dadak;Alperen Divrikiliolu;Burak Ömür;Erturul Bülbül;Halil Umut Özdemir;Kerem Uslular;Mettem Arslan;Öykü Yılmaz

Platon- Sayfa5



Upcoming Events										
Backend										
Upcoming Events API	R	R	R	R	C	R	A	R	C	C
Frontend										
Upcoming Event Page	A	R	R	C	R	C	R	R	R	R
Upcoming Events Calendar Widget	C	R	R	A	R	C	R	R	R	R
Android										
Upcoming Event Page	C	R	R	C	R	A	R	R	R	R
Upcoming Events Calendar Widget	C	R	R	A	R	C	R	R	R	R
Workspace										
Backend										
Workspace Information System	R	R	R	R	C	R	C	R	C	A
File Storage System	R	R	R	R	C	R	C	R	A	C
Issue - Milestone System	R	R	R	R	C	R	A	R	C	C
Comment-Rate System	R	R	R	R	C	R	C	R	C	A
Invitation Mechanism	R	R	R	R	A	R	C	R	C	C
Frontend										
Workspace Pages for all States of Workspaces	A	R	R	C	R	C	R	R	R	R
Edit File Page	C	R	R	A	R	C	R	R	R	R
Issue - Milestone Pages	A	R	R	C	R	C	R	R	R	R
Add Comment Rate Sections to Profile Pages	C	R	R	C	R	A	R	R	R	R
Invitation Section of Workspace	C	R	R	C	R	A	R	R	R	R
Add Invitation Section to User Profiles	C	R	R	A	R	C	R	R	R	R
Android										
Workspace Pages for all States of Workspaces	R	C	C	R	R	R	R	A	R	R
Edit File Page	R	C	C	R	R	R	R	A	R	R
Issue - Milestone Pages	R	C	A	R	R	R	R	C	R	R
Add Comment Rate Sections to Profile Pages	R	C	A	R	R	R	R	C	R	R
Invitation Section of Workspace	R	A	C	R	R	R	R	C	R	R
Add Invitation Section to User Profiles	R	A	C	R	R	R	R	C	R	R
Testing										
Test Upcoming Events-Workspace	C	C	C	C	C	C	A	C	C	C
Milestone4										
Test Case	C	C	C	C	C	C	C	C	C	C
Implement Test Cases of Search Engine	C	C	C	C	C	C	C	C	C	C
Search Engine										
Backend										
Basic User- Workspace- Event Search (Semantic)	R	R	R	R	A	R	C	R	C	C
Advanced User- Workspace- Event Search (Semantic)	R	R	R	R	C	R	A	R	C	C
Search History	R	R	R	R	C	R	C	R	A	C
Sorting by Date and Number of Collaborators Needed	R	R	R	R	C	R	C	R	C	A
Frontend										
Basic User- Workspace- Event Search Section	C	R	R	C	R	A	R	R	R	R
Advanced User- Workspace- Event Search Section	C	R	R	C	R	A	R	R	R	R
Search History Section	C	R	R	A	R	C	R	R	R	R
Search Results Page	C	R	R	C	R	C	R	R	R	R

