



BIM423 - SOFTWARE ENGINEERING

2022-2023 FALL SEMESTER



Virtual

Patient

Group 12

Week 12 / 19.12.2022 – 26.12.2022

Members

1. *Uğur Dindar*
2. *Emre Kayacık*
3. *İdris Can Bölükbaşı*
4. *Oğuzhan Çetin*
5. *Umutcan Yavuz*
6. *Yunus Emre Korkmaz*

Links

- **GitHub Link:** <https://github.com/VPatient>
- **Website Link:** <https://vpatient.github.io/>
- **Repo Link:** <https://github.com/orgs/VPatient/repositories>
- **Dashboard Link:** <https://vpatientdashboard.web.app/>

Works Done

- _ Changes have been done on scenario and scenario is completed as a whole. Also updates have been done on data of forms and patient.

Diagnosis Screen has been developed and implemented into the mobile application which calculates the grade of the logged user depending on the diagnosis(es) and saves that grade related with logged user to the system using a secret. Code refactoring has been done on Pain Form Form.

The image displays two side-by-side screenshots of a mobile application interface. The left screenshot shows a 'Başarılı' (Successful) message: 'Bay X için notunuz başarıyla kaydedildi.' (Your score for Bay X has been successfully saved). Below this, a list of diagnoses is shown with checkboxes: 'Serebral Doku Perfüzyonunda Değişiklik' (checked), 'Aktivite İntoleransı' (checked), 'Abdominal Ağrı' (checked), 'Gereksinimden Az Beslenme' (checked), 'Bozulmuş Cilt Bütünlüğü' (checked), 'Ölüm Kaygısı' (checked), 'Konfüzyon' (unchecked), and 'Tromboembolizm Riski' (unchecked). At the bottom, it says 'Aldığınız Puan: 75.00' and has a 'Gönder' button. The right screenshot shows a 'Hoşgeldin admin admin' (Welcome admin admin) message. Below it, there are tabs for 'Demografik Form', 'Ağrı Niteliği Formu' (selected), and 'Norton Basınç Üls'. The 'Ağrı Niteliği Formu' section includes a slider for 'Ağrının Şiddeti' (Pain Intensity) set to 'Oldukça fazla (6)', a table for 'Ağrının Niteliği' (Pain Quality) with checkboxes for 'Sızlama', 'Künt', 'Yanma', 'Gerilme', 'Zonklama', 'Acıma', 'Keskin', and 'Sıkıştırma', and a section for 'Ağrının Sürekliliği' (Pain Continuity) with checkboxes for 'Sürekli' (checked) and 'Sürekli değil' (unchecked). At the bottom, there is a 'Kaydet' button and a 'Ağrının Yeri' (Pain Location) field.

12:20

Hoşgeldin admin admin
Kullanıcı Bilgileri:
ID: 007-0405-4605-070-0-454

Demografik Form Ağrı Niteliği Formu Norton Basınç Üls

Başarılı
✓ Bay X için notunuz başarıyla kaydedildi.

Hastaya için bildiğimiz bilgiler ışığında hastaya uygun olan tanıyı/tanıları seçiniz:

Serebral Doku Perfüzyonunda Değişiklik ☒

Aktivite İntoleransı ☒

Abdominal Ağrı ☒

Gereksinimden Az Beslenme ☒

Bozulmuş Cilt Bütünlüğü ☒

Ölüm Kaygısı ☒

Konfüzyon ☐

Tromboembolizm Riski ☐

Aldığınız Puan: 75.00

Gönder

12:20

Hoşgeldin admin admin
Kullanıcı Bilgileri:
ID: 007-0405-4605-070-0-454

Demografik Form Ağrı Niteliği Formu Norton Basınç Üls

Ağrının Şiddeti:
Oldukça fazla (6)

Ağrının Niteliği

Sızlama	Künt	Yanma	Gerilme
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Zonklama	Acıma	Keskin	Sıkıştırma
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Ağrının Sürekliliği

Sürekli ☒ Sürekli değil ☐

Ağrının Yeri

Kaydet

- Socio-demographics Form has been re-designed, and refactoring has been done on this form.
- Fall Risk Form is also had changes and refactoring.

12:20

Hoşgeldin admin admin
Kullanıcı Bilgileri:
Id: 007-040K-460K-070--0-4544

Sosyo-Demografik Form

12:20

Hoşgeldin admin admin
Kullanıcı Bilgileri:
Id: 007-040K-460K-070--0-4544

Risk Ölçek Formu

Adı Soyadı:

Cinsiyet:

☒ Erkek ☐ Kadın

Yaş:

Medeni Durum:

☒ Evli ☐ Bekar

Eğitim Derecesi:

İlkokul terk

Meslek:

Çocuk Sayısı:

Görme durumu bozukluğu var

1

☐

4'den fazla ilaç kullanımı var

1

☐

Hastaya bağlı 3'ün altında bakım ekipmanı var

1

☐

Yatak korkulukları bulunmuyor/çalışmıyor

1

☒

Yürüme alanlarında fiziksel engel(ler) var

1

☒

Bilinç açık koopere değil

5

☐

Ayakta yürürken denge problemi var

5

☒

Baş dönmesi var

5

☐

Ortostatik hipotansiyonu var

5

☐

Görme engeli var

5

☒

Bedensel engeli var

5

☐

Hastaya bağlı 3 ve üstü bakım ekipmanı var

5

☐

Son 1 hafta içinde riskli ilaç kullanımı var

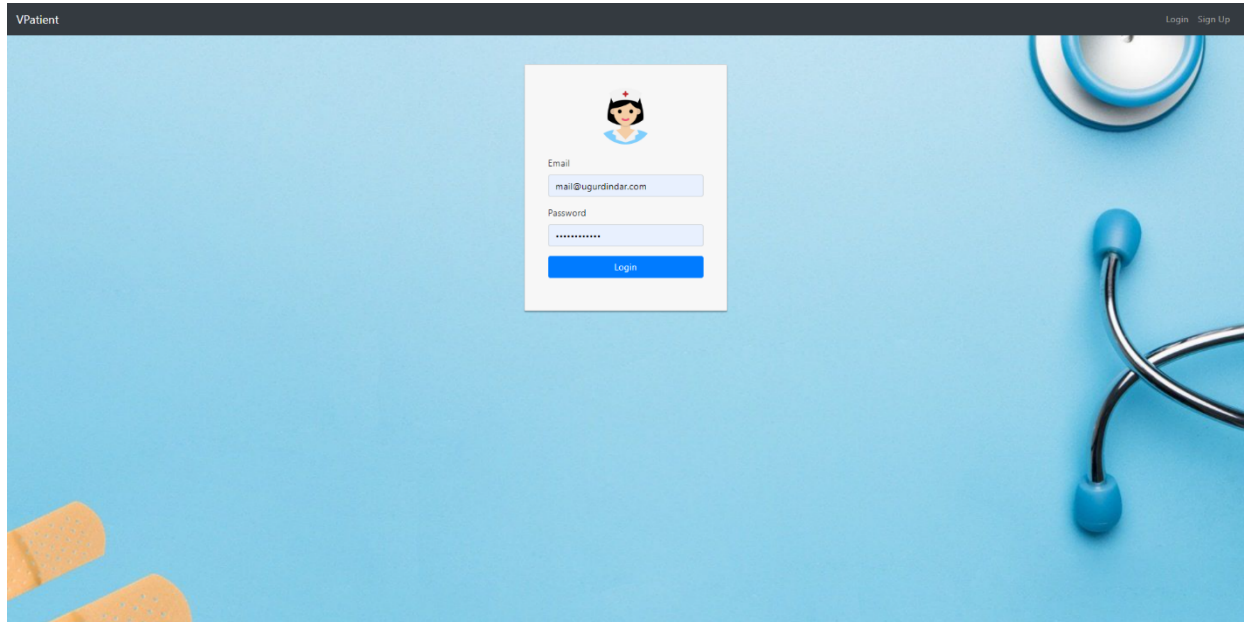
5

☐

Toplam puan: 12

☐ Düşük Risk(Toplam puan 5 in altında)

☐ Yüksek Risk(toplam puan 5 ve 5'in üstünde)



New Login Page

Task Distribution

- **Emre Kayacık:** Changes have been done on scenario and scenario is completed as a whole. Also updates have been done on data of forms and patient.
- **Uğur Dindar:** Diagnosis Screen has been developed and implemented into the mobile application which calculates the grade of the logged user depending on the diagnosis(es) and saves that grade related with logged user to the system using a secret. Code refactoring has been done on Pain Form.
- **İdris Can Bölükbaşı:** Code refactoring has been done in the whole project. A way has been found to save/load all the forms all across the application and in order to accomplish that general structure has been redesigned. Socio-demographics Form has been re-designed.
- **Oğuzhan Çetin:** Fall Risk Form has been refactored. Some bugs have been fixed.
- **Umutcan Yavuz:** Learning and trying chart.js implementation.
- **Yunus Emre Korkmaz:** Changing background and UI develop.

Individual Contribution (state as a percentage for each member, decide according to the contribution of the individual on that week. If a member does not have any contribution, please state)

Every single team done work of themselves. We can just say that every team contributed evenly to in behalf of progress of the project.

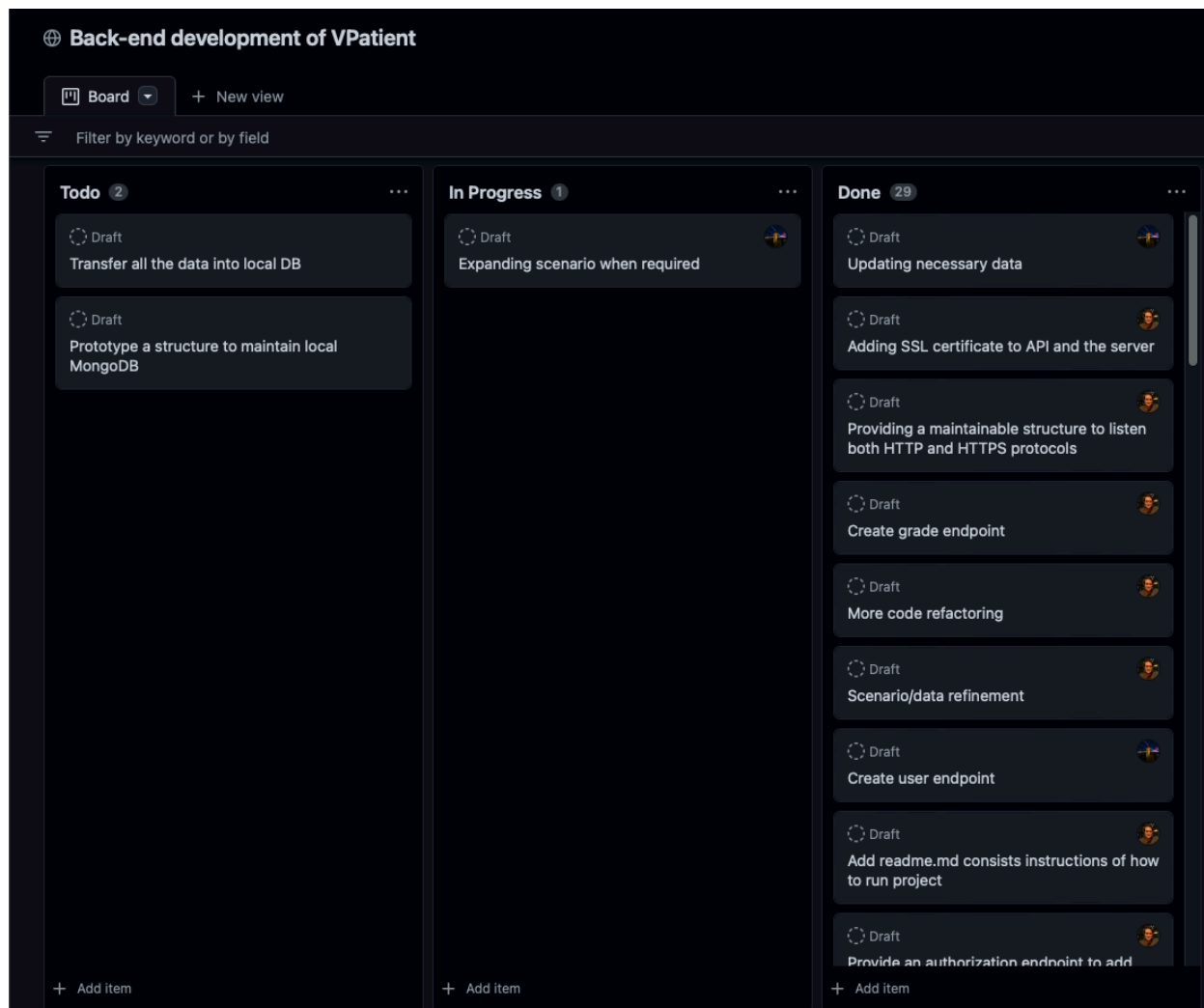
Plans for the Following Week

Every team has their own page to represent plans for the following week and things done in previously weeks.

Back-end Development Team

Plans for the following week:

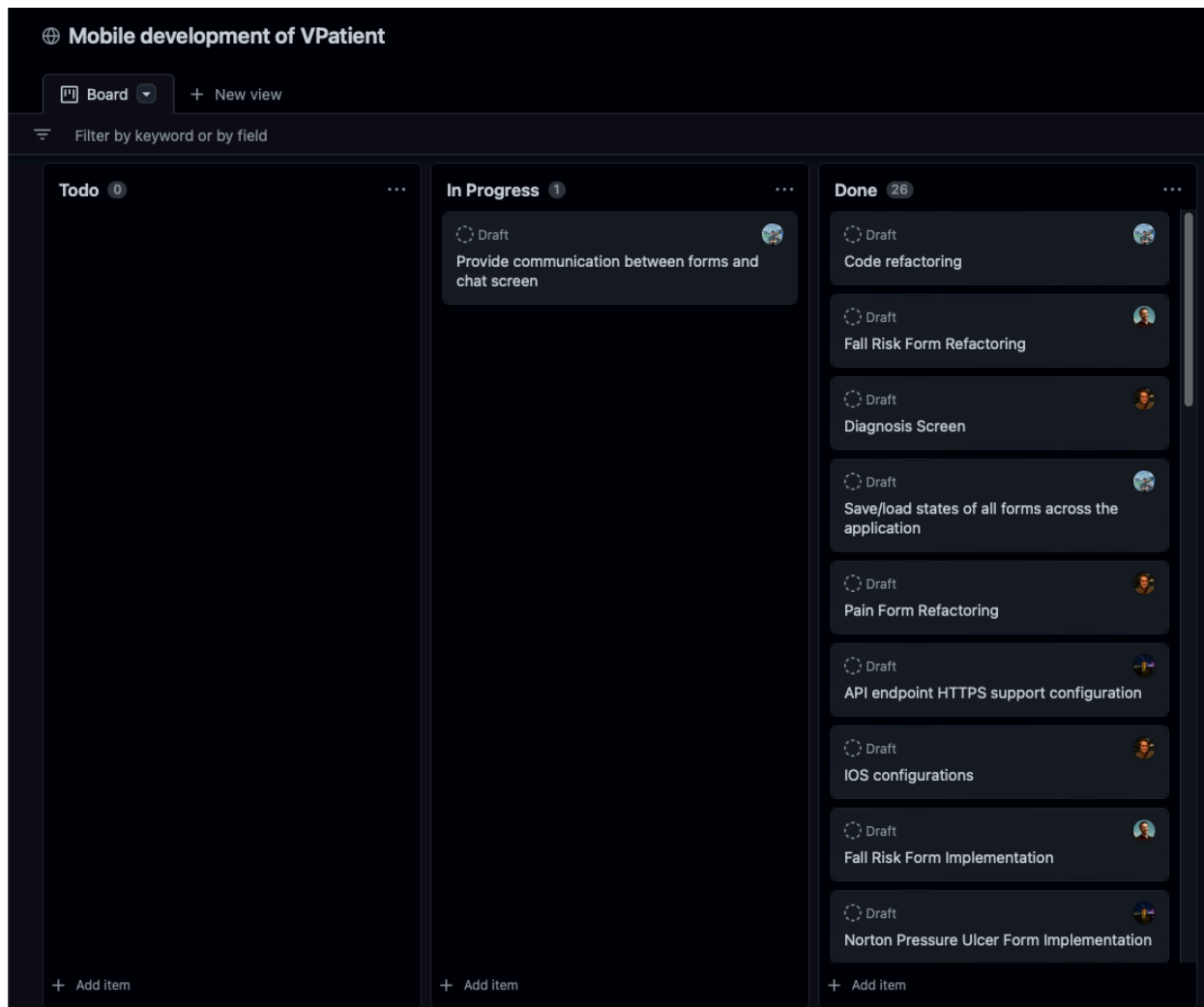
- Expanding scenario when require
- Transferring MongoDB Cloud -> MongoDB Local Server



Mobile Development Team

Plans for the following week:

- Provide communication between forms and chat screen,
- Code refactoring
- Improve user experience
- Add validation/progress to forms
- Strive for a structure to complete a whole scenario



Front-end Development Team

Plans for the following week:

- Nurse notes chart
- Warning Messages

