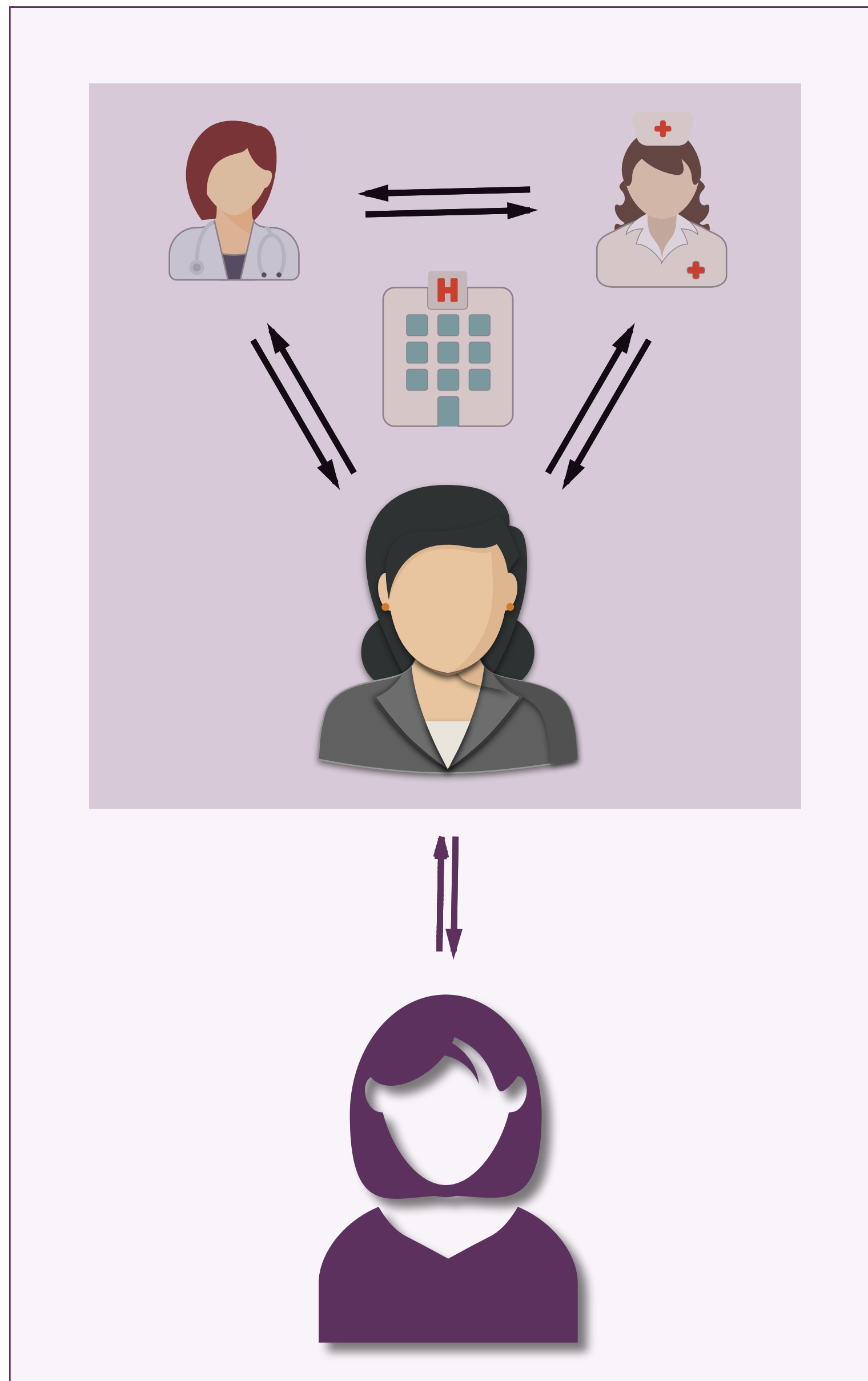


# USER CENTERED DESIGN OF A PATIENT MONITORING DASHBOARD FOR CANCER NAVIGATORS

Aditi Dhar, Maia Jacobs, Beth Mynatt

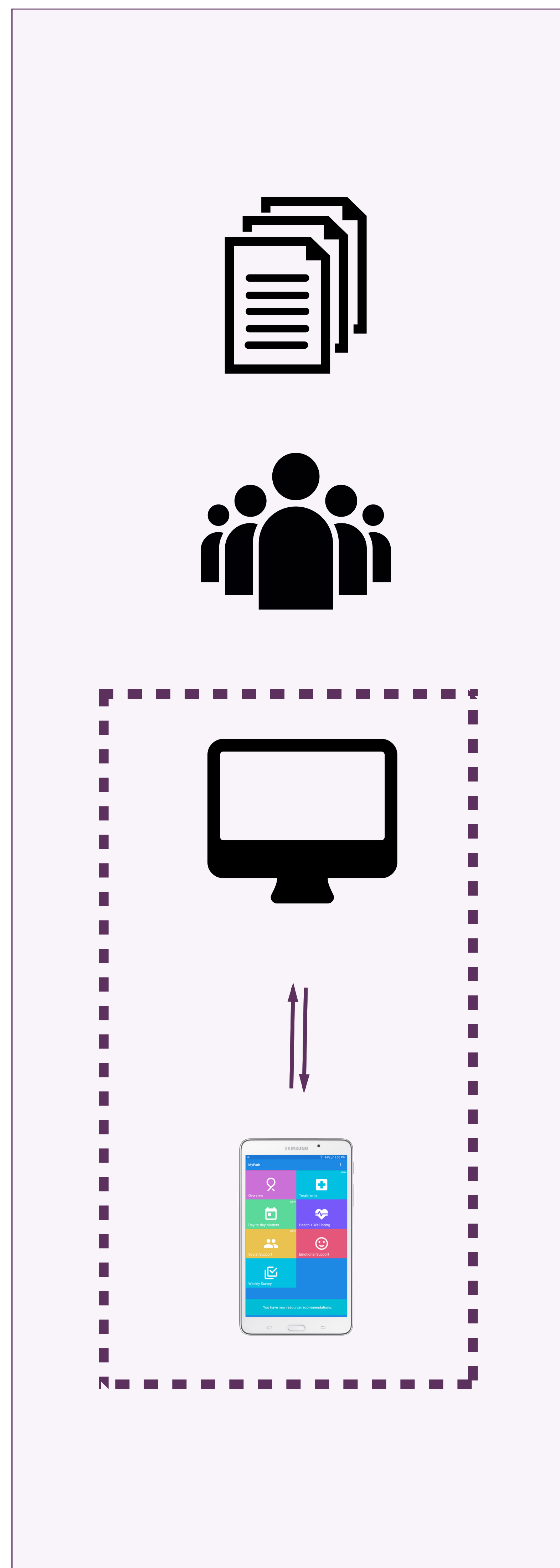


## CANCER NAVIGATORS

Provide excellent quality of personalized patient care based on their needs that is not part of the conventional health system.

- Financial support
- Transportation assistance
- Childcare Services
- Social support
- Emotional support
- Meditation
- Yoga
- Massages
- Acupuncture
- Wigs

## PROBLEM SPACE



## PROTOTYPE

**Screenshot 1: Schedule View**

Welcome Angela! | Schedule | Roster | Dashboard

Today's schedule

Time	Service Navigator	Counsellor	Acid
11:00	Latoya		
12:00	Natasha		
13:00			
14:00	Julia		
15:00	Lindsay		

**Screenshot 2: Patient Roster**

Welcome Denise! | Schedule | Roster | Dashboard

5/5/2017

Name	Contact Information	Email address	MyPath User	Previous visit	Next visit	Duration since last visit
<input checked="" type="checkbox"/> Latoya Jacobson	555-252-9636	latoya.jacobson@ibmus	N	2/5/17		90 days
<input type="checkbox"/> Lily R	478-999-9897	lluind@filterus	Y	5/5/17	5/10/17	5 days
<input type="checkbox"/> Rhonda Jacobson	404-896-5217	rhondajacobson@ibmus	Y	5/5/17	5/12/17	7 days
<input type="checkbox"/> Lindsay Johnson	555-555-7845	linds123@ibmus	N	5/5/17		0 days
<input type="checkbox"/> Rhonda Jacobson	404-896-5217	rhondajacobson@ibmus	Y	5/5/17	5/12/17	7 days
<input type="checkbox"/> Shauna Eidson	447-565-9996	shauna55.uui.aer	N	5/5/17		0 days
<input type="checkbox"/> Latoya Jacobson	555-252-9636	latoya.jacobson@ibmus	Y	2/3/17		92 days
<input type="checkbox"/> Latoya Jacobson	555-252-9636	latoya.jacobson@ibmus	Y	2/3/17		92 days
<input type="checkbox"/> Latoya Jacobson	555-252-9636	latoya.jacobson@ibmus	Y	2/3/17		92 days

**Screenshot 3: Patient Checklist**

Welcome Angela! | Schedule | Roster | Dashboard

5/5/2017

Checklist:

- Insurance
- Food stamps
- Wig
- Medical Supplies

Notes: Has been feeling a lot of emotional distress in the past few days. Husband has been travelling and children are away at school.

Schedule next visit?

**Screenshot 4: Data Visualization**

Welcome Angela! | Schedule | Roster | Dashboard

Data visualization on observed patterns

Issues experienced across categories (Population size: 75 users)

Issues experienced across categories (Population size: 75 users)

Issues experienced across categories (Population size: 75 users)

Top 3 issues experienced in April (Population size: 75 users)

**Screenshot 5: Issues Experienced**

Welcome Angela! | Schedule | Roster | Dashboard

Issues experienced across categories Distribution - Compare with Last Month

Based on number of responses received on the survey in the MyPath application per Month April

Issues experienced across categories (Population size: 75 users)

Insights:

- Treatment-related issues and Social Support were the two most commonly reported concerns last month.
- Treatment related issues went down from 90% to 70%.
- Social Support went down from 43% to 30%.
- Emotional support concerns increased from 42% to 80% - nearly doubled!

**Screenshot 6: Issues Experienced**

Welcome Angela! | Schedule | Roster | Dashboard

Issues experienced across categories Distribution - Compare last 6 months

Comparison based on number of responses received on the survey in the MyPath application in Last 6 months

Issues experienced across categories (Population size: 75 users)

Insights:

- Distribution selected for the past 6 months.

View:

- Treatments
- Day to Day matters
- Social Support
- Emotional support
- Health & Well-being