

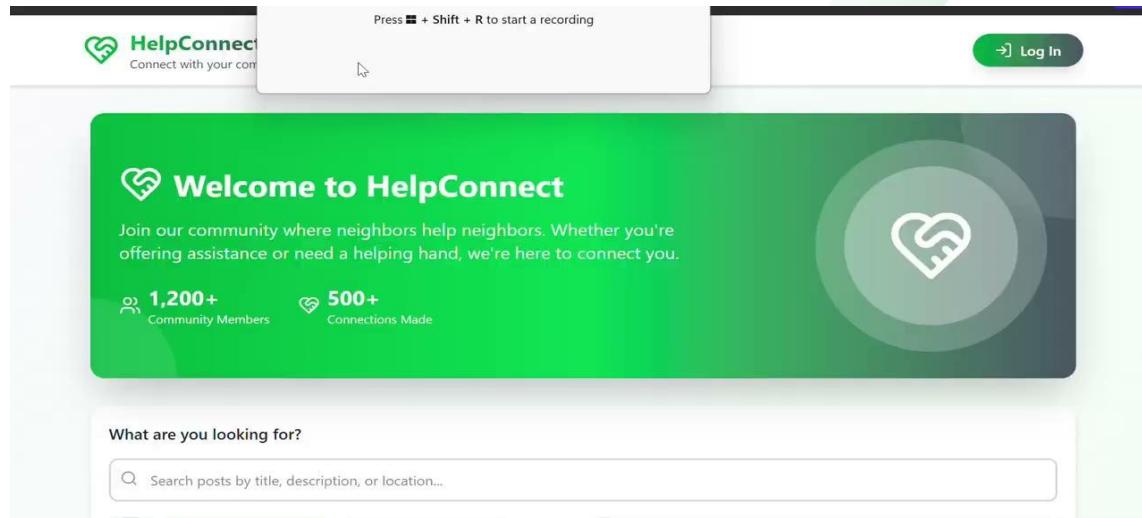


HELPCONNECT

Team 6
Date: 12.02.2026

Sprint 1 Recap

- Brief presentation of the prototype from Sprint 1



Front-End progress

- Almost finished implementation of the UI
- Key components created
- Responsiveness and UX improvements
- Routing/navigation
- Forms implemented (e.g., registration, login, creating posts, message)
- Admin dashboard base with post and user management



Sprint 2 Goals

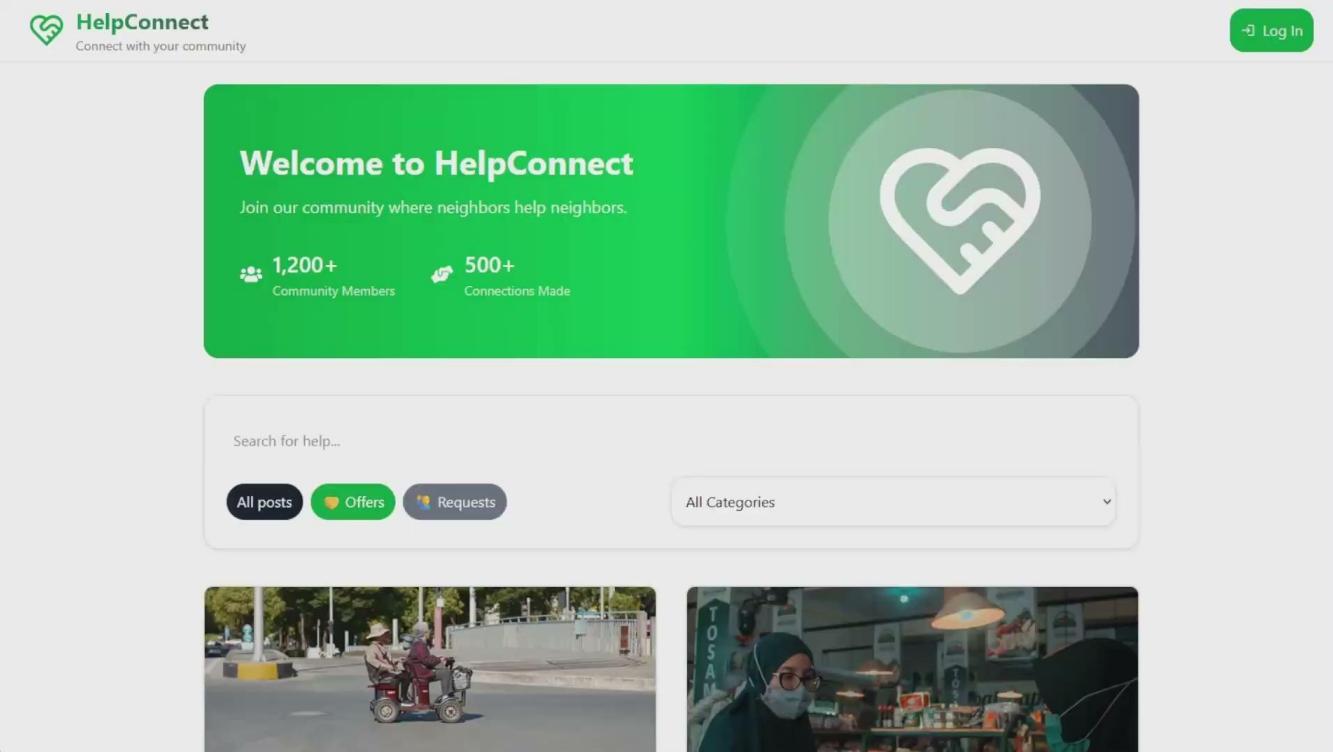
- Main objective for Sprint 2
 - Get front-end mostly finished
 - Get back-end endpoints finished
- AI implementation
 - Chatbot for asking questions



Hero + posts browses + message

The image shows a screenshot of the HelpConnect website. At the top, there's a green header bar with the "HelpConnect" logo and the tagline "Connect with your community". On the right side of the header are "Messages" and "Log In" buttons. A large green banner in the center says "Welcome to HelpConnect" and "Join our community where neighbors help neighbors". It features statistics: "1,200+ Community Members" and "500+ Connections Made". To the right of the banner is a large circular icon with a white heart containing a stylized letter "H". Below the banner is a search bar with the placeholder "Search for help...". Underneath the search bar are three buttons: "All posts", "Offers", and "Requests". To the right is a dropdown menu labeled "All Categories". Below the search area are two examples of posts. The first post, on the left, shows a man pushing a person in a motorized wheelchair and is titled "Can drive you to appointments". The second post, on the right, shows a woman in a grocery store and is titled "Need help with grocery shopping". Both posts have small descriptions and "I Can Help With" or "I Need Help With" sections.

Main Page



The image shows the main page of the HelpConnect website. At the top left is the HelpConnect logo with the tagline "Connect with your community". On the right is a green "Log In" button. The central feature is a large green banner with the text "Welcome to HelpConnect" and "Join our community where neighbors help neighbors." Below the banner are two statistics: "1,200+ Community Members" and "500+ Connections Made". To the right of these stats is a large circular graphic containing a white heart with a stylized "S" shape inside it. Below the banner is a search bar with the placeholder "Search for help...". Underneath the search bar are three buttons: "All posts" (black), "Offers" (yellow), and "Requests" (blue). To the right of the search bar is a dropdown menu labeled "All Categories". At the bottom of the page are two small images: one showing an elderly person in a wheelchair being assisted by another person, and another showing a woman wearing a hijab working at a counter in a shop.

HelpConnect
Connect with your community

Welcome to HelpConnect

Join our community where neighbors help neighbors.

1,200+ Community Members

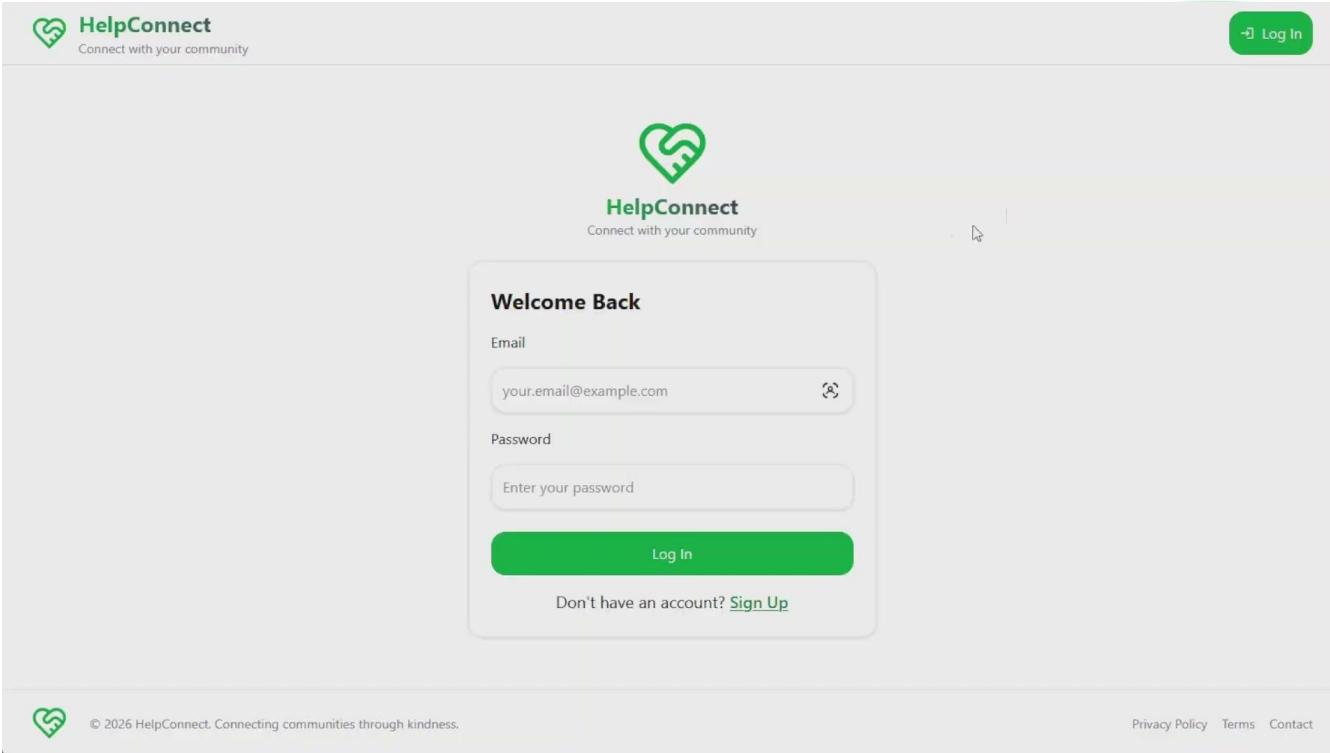
500+ Connections Made

All posts Offers Requests

All Categories

Search for help...

Login and Registration



The image shows a screenshot of the HelpConnect login page. At the top left is the HelpConnect logo with the tagline "Connect with your community". On the right is a green "Log In" button. The main area features the HelpConnect logo and tagline again. A large, semi-transparent green graphic with a white outline of a person's head and shoulders is positioned on the right side of the page. Below the logo is a "Welcome Back" message. There are two input fields: one for "Email" containing "your.email@example.com" and another for "Password" with placeholder text "Enter your password". A green "Log In" button is centered below these fields. At the bottom, there is a link "Don't have an account? Sign Up". The footer contains the HelpConnect logo and the text "© 2026 HelpConnect. Connecting communities through kindness.", along with links for "Privacy Policy", "Terms", and "Contact".

Admin Dashboard

The screenshot shows the HelpConnect Admin Dashboard. At the top left is the HelpConnect logo with the tagline "Connect with your community". On the right is a user profile icon with the letters "MK". The main area features a large green banner with the text "Welcome to HelpConnect" and "Join our community where neighbors help neighbors." Below the banner are two statistics: "1,200+ Community Members" and "500+ Connections Made". To the right of the stats is a large white heart icon with a smaller green heart inside it, all set against a dark circular gradient background. Below the banner is a search bar with the placeholder "Search for help...". Underneath the search bar are three buttons: "All posts" (black), "Offers" (green), and "Requests" (grey). To the right of the search bar is a dropdown menu labeled "All Categories". At the bottom of the dashboard are two thumbnail images: one showing a person in a wheelchair being assisted by another person on a street, and another showing a woman wearing a hijab working behind a counter in a shop.

HelpConnect
Connect with your community

Welcome to HelpConnect

Join our community where neighbors help neighbors.

1,200+ Community Members

500+ Connections Made

Search for help...

All posts Offers Requests

All Categories



Backend-Progress

- API endpoints created:

Authentication:

- POST **/auth/register**

Register a new user with validated credentials

- POST **/auth/login**

Authenticate user and return JWT token

-  GET **/auth/userinfo**

Get authenticated user information

-  PUT **/auth/edit**

Edit user information

-  PUT **/auth/change-password**

Edit user password

-  DELETE **/auth/delete**

Delete user information

Posts:

- GET **/posts**

Get all posts

- GET **/posts/user/:userId**

Get info about all posts of a user

- GET **/posts/:postId**

Get info about single post by ID

-  POST **/posts**

Create a new post

-  PUT **/posts/:postId**

Edit user post

-  DELETE **/posts/:postId**

Delete user post

Backend-Progress

- API endpoints created:

Profile:

- GET **/users/profile/:id**

Get profile data from a specific user id

-  PUT **/users/profile/edit**

Edit profile data of logged in user



Backend-Progress

- Database schema change or persistence added

User Schema:

firstName
lastName
email
password
dateOfBirth
phone
location,
avatar, description,
socialLinks, isPublic

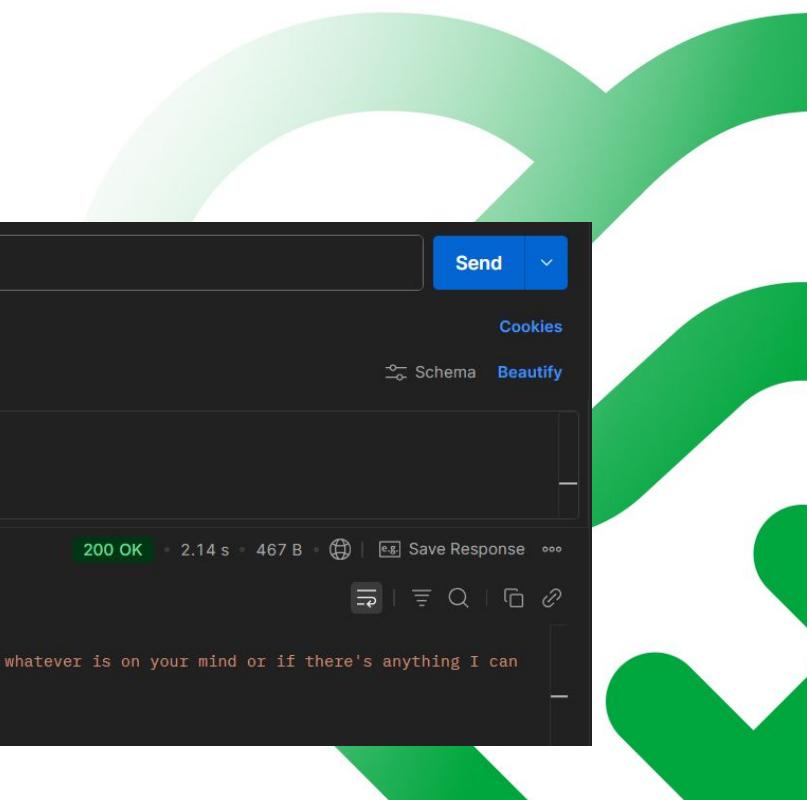
validation,
filtering,
sorting,
pagination

Post Schema:

user - connected with UserId
type - offer/request
title
description
category
location - City/municipality
budget - Optional
image - Optional

Backend-Progress

- AI/LLM integration details
- GET **/ai/ask** - Communicate with AI



A screenshot of a POST request in a developer tool, likely Postman, demonstrating AI communication. The URL is `http://localhost:5000/ai/ask`. The request body is raw JSON:

```
1 {  
2   "message": "hello"  
3 }  
4
```

The response status is 200 OK, with a duration of 2.14 s and a size of 467 B. The response body is:

```
1 {  
2   "reply": "Hello! It's wonderful to hear from you. Please feel free to share whatever is on your mind or if there's anything I can assist you with today. I'm here and ready to help in any way I can!"  
3 }
```

Backend-Progress

- Testing with postman (include screenshot of collection)

The image shows a Postman collection interface with two requests:

- Get All Posts**:
Method: GET
URL: `http://localhost:5000/posts?category=Transportation&location=Helsinki&type=offer`
Body (JSON):

```
1 {  
2   "posts": [  
3     {  
4       "imageUrl": null,  
5       "_id": "698a014238042a3c4cae5be8",  
6       "type": "offer",  
7       "title": "I can help with transportation",  
8       "description": "I have a car and can drive people",  
9       "category": "Transportation",  
10      "location": "Helsinki",  
11      "budget": null,  
12      "user": {  
13        "_id": "69836f6ec31328220e9a4800",  
14        "firstName": "somebody",  
15        "email": "s7@user.com"  
16      },  
17      "createdAt": "2026-02-09T15:46:10.060Z",  
18      "updatedAt": "2026-02-09T15:46:10.060Z",  
19      "__v": 0  
20    }  
21  ]
```
- Get Posts by user ID**:
Method: GET
URL: `http://localhost:5000/posts/user/69836f6ec31328220e9a4800`
Body (JSON):

```
1 {  
2   "posts": [  
3     {  
4       "_id": "698b089fbe00875741ee600ac",  
5       "type": "request",  
6       "title": "Need help moving",  
7       "description": "13:00",  
8       "category": "Food",  
9       "location": "Vantaa",  
10      "budget": 10,  
11      "imageUrl": "/uploads/1770719391342-165652628-plane.png",  
12      "user": {  
13        "_id": "69836f6ec31328220e9a4800",  
14        "firstName": "somebody",  
15        "email": "s7@user.com"  
16      },  
17      "createdAt": "2026-02-10T10:29:51.372Z",  
18      "updatedAt": "2026-02-10T10:29:51.372Z",  
19      "__v": 0  
20    }  
21  ]
```

Backend-Progress

- Testing with postman (include screenshot of collection)

The image shows two screenshots of the Postman application interface.

Left Screenshot (Create Posts):

- Method: POST
- URL: <http://localhost:5000/posts>
- Body Type: form-data (selected)
- Body Content:

```
1 {  
2   "message": "Post created",  
3   "post": {  
4     "type": "request",  
5     "title": "No need help to cook",  
6     "description": "13:00",  
7     "category": "Food",  
8     "location": "Vantaa",  
9     "budget": 18,  
10    "imageUrl": "/uploads/1770899839507-191413902-plane.png",  
11    "user": "69836fec3132820e9a4880",  
12    "id": "698dc97febd54f980736ed2e",  
13    "createdAt": "2026-02-12T12:37:19.545Z",  
14    "updatedAt": "2026-02-12T12:37:19.545Z",  
15    "__v": 0  
16  }  
17 }
```

Right Screenshot (Delete Post by ID):

- Method: DELETE
- URL: <http://localhost:5000/posts/698dca10ebd54f900736ed3b>
- Authorization Type: Bearer Token
- Authorization Token: (redacted)
- Body Content:

```
1 {  
2   "message": "Post deleted"  
3 }
```

Alignment with Sprint 1 prototype

● Figma

The Figma wireframe shows the homepage of the HelpConnect platform. At the top, there's a navigation bar with the HelpConnect logo, a search icon, and a 'Log In' button. Below the header, a large green banner says 'Welcome to HelpConnect' with a subtext: 'Join our community where neighbors help neighbors. Whether you're offering assistance or need a helping hand, we're here to connect you.' It features a circular icon with a stylized 'H' and 'S'. Below the banner, a section titled 'What are you looking for?' includes a search bar and filters for 'All', 'People Offering Help', and 'People Needing Help'. There are four main post cards displayed:

- Can drive you to appointments**: 'I have a car and free time on weekends. Happy to help elderly or disabled people get to medical appointments.' Offered by Sarah J. in Downtown Area on Jan 20, 2026. Buttons: 'Request Help' (green), 'Offer to Help' (grey).
- Need help with grocery shopping**: 'Recovering from surgery and need someone to help with grocery shopping this week.' Offered by John D. in North Side on Jan 19, 2026. Buttons: 'Request Help' (grey), 'Offer to Help' (green).
- Free math tutoring for kids**: 'I'm a retired math teacher and would love to help students struggling with fractions.' Offered by Paul Williams in West End on Jan 18, 2026. Buttons: 'Request Help' (green), 'Offer to Help' (grey).
- Tech support for seniors**: 'Can help with phone, computer, or internet issues. Patient and friendly.' Offered by Mike T. in East Side on Jan 17, 2026. Buttons: 'Request Help' (grey), 'Offer to Help' (green).

At the bottom, there are links for 'Privacy Policy', 'Terms of Service', and 'Contact Us'.

● Web

The web version of the HelpConnect homepage is identical to the Figma wireframe. It features the same green banner, navigation bar, and search/filter functionality. The four posts are displayed as follows:

- Can drive you to appointments**: 'I have a car and free time on weekends. Happy to help elderly or disabled people get to medical appointments.' Offered by Sarah J. in Downtown Area on Jan 20, 2026. Buttons: 'Request Help' (green), 'Offer to Help' (grey).
- Need help with grocery shopping**: 'Recovering from surgery and need someone to help with grocery shopping this week.' Offered by John D. in North Side on Jan 19, 2026. Buttons: 'Request Help' (grey), 'Offer to Help' (green).
- Free math tutoring for kids**: 'I'm a retired math teacher and would love to help students struggling with fractions.' Offered by Paul Williams in West End on Jan 18, 2026. Buttons: 'Request Help' (green), 'Offer to Help' (grey).
- Tech support for seniors**: 'Can help with phone, computer, or internet issues. Patient and friendly.' Offered by Mike T. in East Side on Jan 17, 2026. Buttons: 'Request Help' (grey), 'Offer to Help' (green).

SAME

Only change

The message section was intentionally relocated for the demo/testing flow. It will be moved to the Login screen afterward.

- Figma



- Web



Sprint Ceremony

We hold Daily Scrum meetings every Tuesday and Thursday, and the whole team attends. We review our tasks, share progress and what we've completed, and raise any issues or challenges. We then continue with the planned work.

The image shows a digital workspace interface. On the left, there's a sidebar with several cards, each containing a story title, a color-coded priority, and a brief description. The main area features a Kanban board with five columns: 'To Do', 'In Progress', 'Ready for review', 'In Review', and 'Done'. Each column contains multiple cards representing different tasks or stories. To the right of the board, there's a detailed view of a card from the 'In Progress' column. This card has a 'Frontend SPRINT 2' label and a 'Backend SPRINT 2' label. The description reads: 'Post offer/request create backend'. Below the card, there are two small circular icons with initials: 'MM' and 'MY'. At the bottom of the card, there are three buttons: '+ Add a card', 'Edit', and 'Delete'. On the far right, a large green decorative shape is visible. In the bottom right corner of the workspace, there's a separate window for a 'Scrum — Week 4' meeting. The window includes a 'Join with Google Meet' button and a link to 'meet.google.com/vqn-pths-yib'. It also shows the meeting details: 'Tuesday, 3 February - 12:00 - 1:00pm' and 'Weekly on Tuesday, Thursday, until 15 Feb 2026'. Below this, it says 'This group call is limited to one hour' and 'Get longer group calls and more with a Google One Premium Plan'. There are two buttons: 'Explore plan' and 'No, thanks'. At the very bottom of the workspace, there's a message: 'The meeting details were updated due to a scheduling mistake. Apologies for any inconvenience.' Below this message, there are two more buttons: 'Sprint 2 Planning' and '30 minutes before'.

Remaining Tasks / Next Sprint

Plans:

- Start implementing new user-facing features such as messaging, notifications and rating system.
- Strengthen the connection between frontend and backend so all new endpoints are fully integrated and visible in the UI.

Risks or blockers to address:

- Frontend-backend integration may require additional coordination
- Real-time features like messaging or notifications introduce technical complexity.
- Role-based access for the admin panel needs careful planning to avoid security risks.

Team contribution

| Member | Key Contribution |
|--------|---|
| Maria | Authentication, Posts, Location API endpoints, MongoDB integration, user and post models, backend validation, AI endpoint, Postman testing, PR Review |
| Mikael | User profile backend |
| Markus | Product Owner. Login, registration, search box, admin panel. Reviewing pull requests and code. |
| Minoo | Scrum Master (Weeks 4-5): facilitated daily stand-ups, sprint planning. Frontend: built/updated Header, Footer, Hero, Posts, and Message components. |

Summary and closing

- The biggest achievement in Sprint 2 was staying on track with the plan and making steady progress. Huge thanks to both the backend and frontend teams for their strong effort. We still have a long road ahead, but this was an important step forward.

THANK YOU

- Questions?

