Sequence Diagram: User Login with Credentials (UC-02)

```
User        Browser      Login Page      NextAuth           MongoDB
                                         Credentials Provider

  Navigate to /login
  ───────────────────►
                 Render login form
                 ─────────────────►
  Display form (email, password)
  ◄─────────────────────────────
  Submit login form
  ──────────────────────────────►
                          signIn('credentials',
                          {email, password, redirect:false})
                          ──────────────────────────────────►
                                              Find user by email
                                              (UserModel.findOne)
                                              ────────────────────►

 ┌─ alt  [User not found] ──────────────────────────────────────────┐
 │                                              null                 │
 │                                         ◄··························│
 │                          {error: "CredentialsSignin"}            │
 │                          ◄·································         │
 │  "Invalid email or password"                                     │
 │  ◄·····························                                    │
 ├─ [User found] ───────────────────────────────────────────────────┤
 │                                         User document            │
 │                                         (with passwordHash)       │
 │                                         ◄··························│
 │                                         bcrypt.compare(          │
 │                                         password, passwordHash)   │
 │                                         ◄─┐                       │
 │                                            │                      │
 │  ┌─ alt  [Password invalid] ─────────────────────────────────┐  │
 │  │                    {error: "CredentialsSignin"}            │  │
 │  │                    ◄································          │  │
 │  │  "Invalid email or password"                              │  │
 │  │  ◄························                                  │  │
 │  ├─ [Password valid] ──────────────────────────────────────┤  │
 │  │                                    Generate JWT token     │  │
 │  │                                    {id, name, email}      │  │
 │  │                                    ◄─┐                    │  │
 │  │                    {ok: true, url: "/"}                   │  │
 │  │                    ◄································         │  │
 │  │                Set session cookie                         │  │
 │  │                ◄─┐                                        │  │
 │  │          router.push('/')                                │  │
 │  │  ◄────────────────                                        │  │
 │  │  Redirect to dashboard                                    │  │
 │  │  ◄······················                                  │  │
 │  └───────────────────────────────────────────────────────────┘  │
 └───────────────────────────────────────────────────────────────────┘

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