**End**

**End**

**RealAIServiceClient**

**AIServiceProxy**

**Yes**

**No**

Get adapted recipe

Save in cache

Return adapted recipe

Call the Real AI Service

Return cached recipe

**Proxy**

**Adapter**

**Is recipe cached?**

**Recipe**

**ExternalAIRecipe**

**AIRecipeAdapter**

Format required by AI service

Converts **Recipe** to **AIRecipe** format

Our application recipe format

**Start - SmartCookingPlan**

**Start SmartCookingPlan**

Loop over each PlanStep

**`**

**Step Type?**

Prepare ingredients and assign a device

Set temperature and start device

Wait for duration or condition

Mark step as completed

Notify the step completion

Update the progress tracker

Nex step

Continue when done

Cook the recipe using the device

**Waiting**

**Cooking**

**No**

Send to ErrorHandler and report

Continue execution or stop

**Error?**

**Yes**

**Yes**

**End Plan**

**More Steps?**

Enter Origin and Destination points

Configure accessibility filters

Search routes

**Accessible**

**routes found?**

**Yes**

**No**

Exit the app

**Suitable**

**route found?**

**Yes**

**No**

Choose best route

**Start**

**Navigation?**

Check detailed route information

**No**

**End**

**Try different options?**

**Yes**

**No**

**End**

Begin guided navigation

**Yes**

Monitor devices and notify problems

**Yes**

**Monitor execution?**

**Start**

Set Alert Types categories

Open Alert Settings interface

Set Notification Method preferences

**Save alert configuration?**

**Yes**

**No**

**Test alert settings?**

**Yes**

**No**

Verify test alert

Send test notification

**Test alert result works?**

**Yes**

**No**

**End**

Confirm and activate alerts

Discard all changes

**End**

Check current alert configuration

**Modify alerts configuration?**

**Yes**

**No**

**End**

Keep current alerts configuration