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| **Class Name:** InputCheck | |
| **Responsibilities:** | **Collaborators:** |
| Receive input from Homepage | Homepage |
| Receive input from ReSearch | ReSearch |
| Ensure proper input format | InputException |
| Analyze input for keywords |  |
| Sort keywords into array |  |
| Return array of keywords | AccessInfoController |

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| **Class Name:** InputException | |
| **Responsibilities:** | **Collaborators:** |
| Receive input error | InputCheck |
| Display error |  |

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| **Class Name:** AccessInfoController | |
| **Responsibilities:** | **Collaborators:** |
| Access keyword array | InputCheck |
| Search API information | APIWrapper |
| Request API Updates | UpdateAPI |
| Return keywords to Experts | Experts |
| Receive expert information | Experts |
| Reference expert information with API | APIWrapper, Experts |
| Select up to three possible beverage options, placed into an array |  |
| Send array of options to ForumPage | ForumPage |

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| **Class Name:** APIWrapper | |
| **Responsibilities:** | **Collaborators:** |
| Receive access request | AccessInfoController |
| Receive update | UpdateAPI |
| Return API request information | AccessInfoController |

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| --- | --- |
| **Class Name:** UpdateAPI | |
| **Responsibilities:** | **Collaborators:** |
| Receive update request | AccessInfoController |
| Access update information |  |
| Send update | APIWrapper |